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December 2002

With Data for September 2002

Energy Information Administration
Office of Coal, Nuclear, Electric, and Alternate Fuels
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To EIA's Customers

To ensure that this report meets the highest standards for quality and customer satisfaction, we encourage our readers to contact Melvin Johnson on (202) 287-1754 (Internet: MELVIN.JOHNSON@EIA.DOE.GOV) with comments or suggestions to further improve the report.

Preface

The Electric Power Monthly (EPM) presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric power industry, and the general public. The purpose of this publication is to provide energy decision makers with accurate and timely information that may be used in forming perspectives on electric power issues. The EIA collected the information in this report to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275) as amended.

Background

The Electric Power Division; Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), Department of Energy prepares the EPM. This publication provides monthly statistics at the State, Census division, and U.S. levels for net generation, fossil fuel consumption and stocks, quantity and quality of fossil fuels, cost of fossil fuels, electricity retail sales, associated revenue, and average revenue per kilowatthour of electricity sold. In addition, data on net generation, fuel consumption, fuel stocks, quantity and cost of fossil fuels are also displayed for the North American Electric Reliability Council (NERC) regions. The EPM also includes the capability of new generating units by company and plant.

Data Sources

The *EPM* contains information from the following data sources: Form EIA-906, "Power Plant Report"; Form EIA-759, "Monthly Power Plant Report"; Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-900, "Monthly Nonutility Power Report"; Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions"; Form EIA-861, "Annual Electric Utility Report"; Form EIA-860A, "Annual Electric Generator Report – Utility;" Form EIA-860B, "Annual Electric Generator Report – Nonutility"; and the Form EIA-906, "Power Plant Report" (Regulated and Nonregulated). Copies of these forms and their instructions may be obtained from the National Energy Information Center. A detailed description of these forms is in Appendix B, "Technical Notes." **Note:** Beginning with the January 2001 submissions, the Form EIA-906 replaced the Form EIA-759 and Form EIA-900.

Office of Coal, Nuclear, Electric and Alternate Fuels
Electric Power Industry Related Data: Available in Electronic Form

(as of September 2002)

	Internet				CD-ROM	Diskette
	Portable Document Format (PDF)	Executable Data Files	Hypertext Markup Language (HTML)	MS Word Format		
Surveys:						
Form EIA-411: Coordinated Bulk Power Supply Program Report	X			X		
Form EIA-412: Annual Report of Public Electric Utilities	X (instructions only)	X		X		X
Form EIA-417R, "Electric Power System-Emergency Report"	X		X			
Form EIA-767: Steam-Electric Operation and Design Report	X	X		X		X
Form EIA-826: Monthly Electric Utility Sales and Revenue Report with State Distributions	X	X		X	X	X
Form EIA-860A: Annual Electric Generator Report – Utility (formerly Form EIA-860)	X	X		X	X	X
Form EIA-860B: Annual Electric Generator Report – Nonutility (formerly Form EIA-867)	X	X		X		
Form EIA-861: Annual Electric Utility Report	X	X		X	X	X
Form EIA-906: Power Plant Report (Regulated; formerly Form EIA-759)	X	X		X	X	X
Form EIA-906: Power Plant Report (Nonregulated; formerly Form EIA-900)	X	X		X		
FERC Form 1: Annual Report of Major Electric Utilities, Licensees, and Others		X				X
FERC Form 423: Monthly Report of Cost and Quality of Fuels for Electric Plants		X		X		X
Publications:						
Electric Power Monthly	X		X		X	
Data tables for Form EIA-906, Form EIA-826, Form EIA-860 (new units only), and FERC Form 423	X		X			
Electric Power Annual Volume I	X		X		X	
Electric Power Annual Volume II	X		X		X	
Inventory of Electric Utility Power Plants in the United States	X		X		X	
Inventory of Nonutility Electric Power Plants in the United States	X		X		X	
U.S. Electric Utility Demand-Side Management	X	X	X		X	
Electric Sales and Revenue	X		X		X	
Financial Statistics of Major U.S. Investor Owned Electric Utilities	X				X	
Financial Statistics of Major U.S. Publicly Owned Electric Utilities	X		X		X	
Electric Trade in the United States (1996)	X		X			
Cost and Quality of Fuels for Electric Utility Plants (unpublished)	X		X			

Note: If you have any questions and/or need additional information, please contact the National Energy Information Center at (202) 586-8800.

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Monthly Update

Net Generation Year-to-Date 2002

During the first 9 months of the year, total U.S. net generation of electricity was 2,915 billion kilowatthours, 1 percent above what was reported for the corresponding period in 2001. Forty nine percent of the generation was produced by coal-fired plants. This was followed by 20 percent from nuclear, 19 percent from gas, 7 percent from hydro, 2 percent from petroleum, and 2 percent from renewables.

Net Generation and Utility Retail Sales—September 2002

Net Generation. Total U.S. net generation of electricity was 330 billion kilowatthours, 7 percent above the amount reported in September 2001. Electric utilities generated 215 billion kilowatthours (65 percent of total generation) and nonutility power producers generated 115 billion kilowatthours (35 percent of total generation). At utilities, fossil fuels (primarily coal) accounted for 73 percent of net generation, followed by 19 percent from nuclear, and 7 percent from renewable resources (including hydro). At nonutilities, fossil fuels (primarily gas) accounted for 73 percent of total generation, followed by 20 percent from nuclear, and 8 percent from renewables (including hydro).

Utility Retail Sales. Total sales of electricity to ultimate consumers in the United States were 311 billion kilowatthours, 15 billion kilowatthours (5 percent) more than reported in September 2001. The residential sector had sales of 115 billion kilowatthours, 9 percent more than reported in September 2001. Retail sales in the commercial were 3 percent more than reported a year ago. Sales in the industrial sector were 3 percent more than reported a year ago.

Utility Fuel Receipts, Costs, and Quality—August 2002

Coal. Receipts of coal at electric utilities totaled 61 million short tons, a decrease of nearly 7 million short tons from the level reported in August 2001. Data for several utilities were not available at the time of publication. In addition, data for Central Power & Light Company, Texas Utilities Electric Company, and West Texas Utilities are now included in the nonutility data section.

Petroleum and Gas. Receipts of petroleum totaled 7 million barrels, down 2 million barrels from the level reported in August 2001. Gas receipts totaled 205 billion cubic feet (Bcf), down from 277 Bcf reported in August 2001. Year-to-year comparisons of gas and petroleum receipts were affected by the transfer of plants to the nonutility sector as well as an increase in the number of nonrespondents.

Electric Utility Plants Sold/Transferred and Reclassified as Nonutility Plants in 2002

Utility	Plant	State	Nameplate Capacity (megawatts)	Date[a]	Buyer
Texas Utilities Electric Co	Lake Hubbard	TX	928	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Mountain Creek	TX	958	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	North Lake	TX	709	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Parkdale	TX	341	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Eagle Mount	TX	706	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Graham	TX	635	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Handley	TX	1,433	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Morgan Creek	TX	1,364	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	North Main	TX	81	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Permian Basin	TX	1,097	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Big Brown	TX	1,187	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Collin	TX	156	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Lake Creek	TX	322	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	River Crest	TX	113	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Stryker Creek	TX	713	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Tradinghouse	TX	1,380	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Trinidad	TX	243	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Valley	TX	1,175	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Martin Lake	TX	2,380	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Monticello	TX	1,980	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Sandow	TX	591	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	DeCordova	TX	1,157	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Comanche Peak 1	TX	1,215	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Comanche Peak 2	TX	1,215	January 1, 2002	TXU Generation Co, LLC
Central Power & Light Co	E S Joslin	TX	235	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Eagle Pass	TX	14	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	J L Bates	TX	166	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Laredo	TX	168	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Lon C Hill	TX	511	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Nueces Bay	TX	514	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	La Palma	TX	242	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Victoria	TX	461	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	B M Davis	TX	647	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Coleto Creek	TX	570	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Oklaunion	TX	664	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Abilene	TX	15	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Fort Stockton	TX	5	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Lake Pauline	TX	40	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Oak Creek	TX	75	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Paint Creek	TX	218	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Presidio	TX	2	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Rio Pecos	TX	122	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	San Angelo	TX	110	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Vernon	TX	11	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Fort Phantom	TX	337	January 1, 2002	American Electric Power, Inc
Vermont Yankee Nuc Pwr Corp	Vermont Yankee	VT	563	July 31, 2002	Entergy Nuclear Vermont Yankee, LLC
Total			**27,769**		

[a]Start date for facility to begin reporting as a nonutility generator.

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels, U.S. Department of Energy.

After an electric utility plant is sold/transferred to a nonregulated entity, data on net generation, fuel consumption, and fuel stocks for that plant will be reported as part of the unregulated industry. Consequently, a comparison of data between historical years at the State, Census Division, and U.S. level will be affected by the reclassification of plants.

Electricity Supply and Demand Forecast for 2002[1]

The EIA prepares a short-term forecast for electricity that is published in the Short-Term Energy Outlook. This page provides that forecast for the current year along with explanations behind the forecast.[2]

- Total annual electricity demand growth (retail sales plus industrial generation for own us and other direct sales) is expected to grow by 2.8 percent for all 2002. Abnormally high summer temperatures and high cooling demand in the third quarter of 2002, plus higher heating-related demand in October and November sharply increased electricity demand. Based on Edison Electric Institute data on weekly electricity output, production of electricity in the United States was up 6.5 percent in the third quarter of 2002 compared to the year-earlier level.

- In 2003, while the economy is expected to continue to recover, electricity demand is expected to grow by a relatively subdued rate of about 1.1 percent since little or no net summer demand growth would be expected under normal level of cooling degree-days.

- Total U.S. electricity demand is expected to be 4.6 percent higher this winter than it was last winter, due to the continuing growth of the economy, a cold start to the heating season, and assumptions of normal temperatures for the remainder of the winter, which would imply 18 percent colder conditions this winter than last.

- In 2001, total hydropower generation was down to lows not seen since 1966. In 2002, total hydro generation is expected to rise by 30 percent with normal precipitation in the Pacific Census Division (Washington, Oregon and California), the main region affected. Total oil-fired generation is projected to be down considerably, by 31 percent from last year due to considerably higher relative prices, while total natural gas-fired generation is expected to be up by 4 percent from last year's level. Total nuclear generation is expected to rise by about 0.6 percent from the 2001 level in 2002 and by approximately 0.9 percent in 2003.

[1]Energy Information Administration, *Short-Term Energy Outlook: December 2002*, DOE/EIA-0202 (Washington, DC, October 2002), www.eia.doe.gov/emeu/steo/pub/contents.html.

[2]Further questions on this section may be directed to the National Energy Information Center at 202-586-8800 (Internet: infoctr@eia.doe.gov).

Electric Supply and Demand

(Billion Kilowatthours)

	2002				
	1st	2nd	3rd	4th	Year
Supply					
Net Electricity Generation[a]					
Coal	448.8	462.2	526.8	481.1	1918.9
Petroleum	13.2	21.2	26.2	23.5	84.1
Natural Gas	109.7	140.3	197.3	122.5	569.8
Nuclear	195.0	187.8	203.5	187.1	773.5
Hydroelectric	60.1	75.5	64.9	65.8	266.3
Geothermal and Other[b]	17.2	0.9	14.2	18.5	50.7
Subtotal	843.9	887.9	1032.9	898.6	3663.3
Other Sectors[c]	49.7	41.1	43.6	57.5	191.9
Total Generation	893.6	929.0	1076.5	956.1	3855.1
Net Imports[d]	4.9	8.5	6.3	5.6	25.3
Total Supply	898.5	937.5	1082.8	961.7	3880.4
Losses and Unaccounted for[e]	22.1	51.7	24.9	78.6	177.3
Demand					
Retail Sales[f]					
Residential	312.0	280.4	384.7	294.2	1270.8
Commercial	255.8	279.5	320.8	263.5	1119.5
Industrial	227.5	243.2	258.2	236.7	956.6
Other	25.6	26.5	30.9	27.8	110.8
Subtotal	820.9	829.6	994.1	822.1	3466.7
Other Use/Sales[g]	55.5	56.1	63.8	61.0	236.4
Total Demand	876.4	885.7	1057.9	883.1	3703.1

[a] Electric utilities and independent power producers.

[b] "Other" includes generation from other gaseous fuels, wind, wood, waste, and solar sources.

[c] Electricity generation from combined heat and power facilities and electricity – only plants in the industrial and commercial sectors.

[d] Data are estimates.

[e] Balancing item, mainly transmission and distribution losses.

[f] Total of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA's Electric Power Monthly and Electric Power Annual. Power marketers' sales are reported annually in Appendix C of EIA's Electric Sales and Revenue. Quarterly data for power marketers (and thus retail sales totals) are imputed.

[g] Defined as the sum of facility use of onsite net electricity generation plus direct sales of power by industrial- or commercial-sector generators to third parties, reported annually in Table 7.5 of the Monthly Energy Review (MER).

Notes: • Minor discrepancies with other EIA published historical data are due to rounding. • The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: **Historical Data**: Energy Information Administration, latest data available from EIA databases supporting the following reports: Electric Power Monthly, DOE/EIA-0226; **Projections**: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric, and Alternate Fuels.

Heating Degree-Days by Census Division, September 2002

Census Division	Number of Degree-Days			Percent Change	
	Normal[a]	2001	2002	Normal to 2002	2001 to 2002
New England	153	146	90	-41	-38
Middle Atlantic	105	91	34	-68	-63
East North Central	121	145	54	-55	-63
West North Central	106	147	103	-3	-30
South Atlantic	32	39	2	NM	NM
East South Central	32	54	9	NM	NM
West South Central	9	22	2	NM	NM
Mountain	134	65	91	-32	40
Pacific Contiguous[b]	62	27	31	NM	NM
U.S. Average[b]	**77**	**75**	**37**	**NM**	**NM**

[a] "Normal" is based on calculations using temperature data from 1961 through 1990.
[b] Excludes Alaska and Hawaii.
NM = Not meaningful.

Notes: • Heating Degree-days are relative measures of outdoor air temperature used as indices of heating energy requirements. Heating degree-days are the number of degrees per day that the daily average temperature falls below 65 degrees Fahrenheit. • The daily average temperature is the mean of the minimum and maximum temperatures in a 24-hour period.

Source: National Oceanic and Atmospheric Administration's National Weather Service Climate Analysis Center.

Cooling Degree-Days by Census Division, September 2002

Census Division	Number of Degree-Days			Percent Change	
	Normal [a]	2001	2002	Normal to 2002	2001 to 2002
New England	25	34	58	NM	NM
Middle Atlantic	68	56	93	NM	NM
East North Central	69	48	129	NM	NM
West North Central	94	73	143	NM	NM
South Atlantic	259	235	310	20	32
East South Central	218	202	305	40	51
West South Central	349	317	388	11	22
Mountain	153	223	192	26	-14
Pacific Contiguous	122	130	143	17	10
U.S. Average[b]	**154**	**144**	**197**	**28**	**37**

[a] "Normal" is based on calculations using temperature data for 1961 through 1990.
[b] Excludes Alaska and Hawaii.
NM = Not meaningful.

Notes: • Cooling degree-days are relative measures of outdoor air temperature used as indices of cooling energy requirements. Cooling degree-days are the number of degrees per day that the daily average temperature falls above 65 degrees Fahrenheit. The daily average temperature is the mean of the minimum and maximum temperatures in a 24-hour period.

Source: National Oceanic and Atmospheric Administration's National Weather Service Climate Analysis Center.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
January							
Alabama Electric Coop	U	McWilliams	AL	VAN1	151.0	Gas	CT
				VAN2	151.0	Gas	CT
				VAN3	176.0	Gas	CA
Kissimmee Utility Authority	U	Cane Island	FL	3	215.0	Gas	CC
Rantoul Village of	U	Unknown	IA	1	1.7	Petroleum	IC
				2	1.7	Petroleum	IC
Seminole Electric Coop	U	Payne Creek	FL	3	504.0	Gas	CC
Strawberry Point City of	U	South Strawberry	IA	1A	1.7	Petroleum	IC
				2A	1.7	Petroleum	IC
Viola Village of	U	Viola	WI	3	2.0	Petroleum	IC
Shady Hills Power Co LLC	N	Shady Hills Generating	FL	G101	182.0	Gas	GT
				G201	182.0	Gas	GT
				G301	182.0	Gas	GT
February							
Graettinger City of	U	Graettinger	IA	6	1.9	Petroleum	IC
Marshall City of	U	Marshall	IL	10	1.7	Petroleum	IC
				11	1.7	Petroleum	IC
				6	1.7	Petroleum	IC
				7	1.7	Petroleum	IC
				8	1.7	Petroleum	IC
				9	1.7	Petroleum	IC
Duke Energy Field Services	N	East Texas Gas Plant	TX	G101	0.8	Gas	IC
				G102	0.8	Gas	IC
				G103	0.8	Gas	IC
				G104	0.8	Gas	IC
Green Country OP Services LLC	N	Green Country Energy	NC	CTG1	161.0	Gas	CT
				CTG2	161.0	Gas	CT
				CTG3	161.0	Gas	CT
				STG1	106.0	Gas	CA
				STG2	106.0	Gas	CA
				STG3	106.0	Gas	CA
Merchant Energy Partners	N	Aries Power Project	MO	ST-1	265.0	Gas	CA
New Hanover County	N	New Hanover County	NC	1TG	4.2	Gas	ST
Stora Enso North America	N	Stevens Point Mill	WI	SP	7.6	Gas	ST
March							
South Carolina Pub Serv Auth	U	John S. Rainey	SC	CT2A	140.0	Gas	CT
Catawba County	N	Blackburn Co-Generation	NC	BB3	0.9	Gas	OT
La Paloma Generating Co LLC	N	La Paloma Generating	CA	GEN1	280.0	Gas	CS
				GEN2	280.0	Gas	CS
				GEN3	280.0	Gas	CS
				GEN4	280.0	Gas	CS
NRG North Central Op Inc	N	Kendall County	IL	CTG1	198.9	Gas	CT
				STG1	126.6	Gas	CA
Oleander Power Project LP	N	Oleander Power Project	FL	Unit1	198.9	Gas	GT
				Unit2	198.9	Gas	GT
				Unit3	198.9	Gas	GT
				Unit4	198.9	Gas	GT
Plains End LLC	N	Plains End Generating	CO	GE10	5.7	Gas	IC
				GE11	5.7	Gas	IC
				GE12	5.7	Gas	IC
				GE13	5.7	Gas	IC
				GE14	5.7	Gas	IC
				GE15	5.7	Gas	IC
				GE16	5.7	Gas	IC
				GE17	5.7	Gas	IC
				GE18	5.7	Gas	IC
				GE19	5.7	Gas	IC
				GE20	5.7	Gas	IC
				GEN1	5.7	Gas	IC
				GEN2	5.7	Gas	IC
				GEN3	5.7	Gas	IC
				GEN4	5.7	Gas	IC
				GEN5	5.7	Gas	IC
				GEN6	5.7	Gas	IC
				GEN7	5.7	Gas	IC
				GEN8	5.7	Gas	IC
				GEN9	5.7	Gas	IC
Pleasants Energy LLC	N	Pleasants Energy LLC	WV	1	172.0	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
				2	172.0	Gas	GT
Renaissance Power LLC	N	Renaissance Power LLC	MI	CT1	170.0	Gas	GT
				CT2	170.0	Gas	GT
				CT3	170.0	Gas	GT
				CT4	170.0	Gas	GT
April							
Cumberland City	U	Cumberland	WI	7	6.5	Petroleum	IC
				8	3.4	Petroleum	IC
Georgia Power	U	Goat Rock CC	GA	1	196.6	Gas	GT
				2	187.2	Gas	CT
				3	187.2	Gas	CT
Gulf Power Co	U	Lansing Smith	FL	3A	148.0	Gas	CT
				3B	148.0	Gas	CT
				3C	155.0	Gas	CA
Oglethorpe Pow Corp	U	Talbot	GA	2	102.0	Gas	GT
Rochester Pub Uti	U	Cascade Creek	MN	2	42.4	Gas	GT
Shelbina City	U	Shelbina Power #3	MO	G7	1.7	Petroleum	IC
				G8	1.7	Petroleum	IC
Tampa Elec Co	U	Polk	FL	3	153.0	Gas	GT
Winterset City of	U	Winterset	IA	5	1.8	Petroleum	IC
				6	1.8	Petroleum	IC
				7	1.8	Petroleum	IC
ANP Operations Co	N	Hays Energy Project	TX	U2	280.0	Gas	CS
Maytag Corp	N	The Hoover Company	TX	544	1.8	Petroleum	IC
				545	1.8	Petroleum	IC
NRG North Central Op Inc	N	Kendall County	IL	CTG2	198.9	Gas	CT
				CTG3	198.9	Gas	CT
				STG3	126.6	Gas	CA
				STG4	126.6	Gas	CA
May							
Arcadia City	U	Arcadia	WI	7	1.7	Petroleum	IC
				8	1.7	Petroleum	IC
Associated Elect Coop Inc	U	Holden	MO	1	77.7	Gas	GT
				2	77.7	Gas	GT
				3	77.7	Gas	GT
Avista Corporation	U	Boulder Park	WA	1	3.0	Gas	GT
				2	3.0	Gas	GT
				3	3.0	Gas	GT
				4	3.0	Gas	GT
				5	3.0	Gas	GT
				6	3.0	Gas	GT
Brooklyn City of	U	North Plant	IA	6	1.8	Petroleum	IC
Caroline Pow & Light	U	Trimble County	KY	5	147.9	Gas	GT
				6	147.9	Gas	GT
				7	147.9	Gas	GT
				8	147.9	Gas	GT
Delmarva Pow & Light Co	U	Hay Road	DE	8	137.6	Gas	CA
Oglethorpe Pow Corp	U	Talbot	GA	1	102.8	Gas	GT
				3	102.8	Gas	GT
South Carolina Pub Serv Auth	U	John S. Rainey	SC	CT2B	140.0	Gas	GT
Union Elect Co	U	Peno Creek	MO	GT1	51.0	Gas	GT
				GT2	51.0	Gas	GT
				GT3	51.0	Gas	GT
				GT4	51.0	Gas	GT
ANP Operations Co	N	Hays Energy Project	TX	U1	280.0	Gas	CS
Delta Energy Center LLC	N	Delta Energy Center	CA	CTG1	212.0	Gas	CT
				CTG2	212.0	Gas	CT
				STG1	306.0	Gas	ST
Dominion Resources Inc	N	Armstrong Energy LLC	PA	1	172.0	Gas	GT
				2	172.0	Gas	GT
				3	172.0	Gas	GT
				4	172.0	Gas	GT
Duke Energy Enterprise LLC	N	Enterprise Energy	MS	CT1	80.0	Gas	GT
				CT2	84.0	Gas	GT
				CT3	84.0	Gas	GT
				CT4	80.0	Gas	GT
				CT5	80.0	Gas	GT
				CT6	80.0	Gas	GT
				CT7	80.0	Gas	GT
				CT8	80.0	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
Duke Energy Southaven LLC	N	Duke Energy Southhaven	MS	1	80.0	Gas	GT
				2	80.0	Gas	GT
				3	80.0	Gas	GT
				4	80.0	Gas	GT
				5	80.0	Gas	GT
				6	80.0	Gas	GT
				7	80.0	Gas	GT
				8	80.0	Gas	GT
El Paso Merchant Energy Co	N	Bastrop Energy Center	TX	1	180.0	Gas	CT
				2	180.0	Gas	CT
				3	180.0	Gas	CA
NRG North Central Op Inc	N	Kendall County	IL	CTG4	198.9	Gas	CT
				STG2	126.6	Gas	CA
Power Energy Partners LLC	N	Crete Energy Park	IL	GT2	89.0	Gas	GT
				GT3	89.0	Gas	GT
				GT4	89.0	Gas	GT
PPL Sundance Energy LLc	N	Sundance Energy LLC	AZ	CT1	45.0	Gas	GT
				CT2	45.0	Gas	GT
				CT4	45.0	Gas	GT
				CT5	45.0	Gas	GT
				CT6	45.0	Gas	GT
Rio Nogales Power Project LP	N	Rio Nogales Power	TX	CTG1	175.0	Gas	CT
				CTG3	175.0	Gas	CT
				STG1	300.0	Gas	CA
Tenaska Alabama Partners LP	N	Tenaska Lindsay Hill	AL	GTG1	183.1	Gas	CT
				GTG2	183.1	Gas	CT
				GTG3	183.1	Gas	CT
Tri-State Power LLC	N	Brighton Generating	CO	BR1	77.1	Gas	GT
				BR2	71.1	Gas	GT
Vanderbilt University	N	Vanderbilt University	TN	GT1	5.2	Gas	GT
June							
Clarksdale City of	U	Wilkins	MS	3	65.0	Gas	GT
				4	65.0	Gas	GT
Maquoketa City of	U	Maquoketa 2	IA	3	1.9	Petroleum	IC
				4	1.9	Petroleum	IC
McLeansboro City of	U	McLeansboro	IL	9	2.0	Petroleum	IC
Oglethorpe Pow Corp	U	Talbot	GA	4	102.8	Gas	GT
PacifiCorp	U	West Valley Generation	UT	U1	37.0	Gas	GT
				U2	37.0	Gas	GT
				U3	37.0	Gas	GT
				U4	37.0	Gas	GT
				U5	37.0	Gas	GT
Platte River Power Authority	U	Rawhide	CO	A	89.2	Gas	GT
Poplar Bluff City of	U	Poplar Bluff	MO	3	7.0	Petroleum	IC
Pub Serv Co of NM	U	Lordsburg Generating	NM	CT1	40.0	Gas	GT
				CT2	40.0	Gas	GT
South Carolina Elec & Gas Co	U	Urquhart	SC	CT1	95.0	Gas	GT
				CT2	95.0	Gas	GT
Wrangell City of	U	Wrangell	AK	13	2.0	Petroleum	IC
Allegheny Energy Supply Co LLC	N	Buchanan Generating	VA	1	50.5	Gas	
				2	50.5	Gas	
ANP Operations Co	N	Midlothian Energy	TX	STK5	289.0	Gas	CS
				STK6	289.0	Gas	CS
Bayswater Peaking Facility LLC	N	Bayswater Peaking	NY	1	58.0	Gas	GT
Bluegrass Generation Co LLC	N	Bluegrass Generation Co	KY	CT1	208.0	Gas	GT
				CT2	208.0	Gas	GT
				CT3	208.0	Gas	GT
Calpine Construction F Corp LP	N	Decatur Energy Center,	AL	CTG1	180.0	Gas	CT
				CTG2	180.0	Gas	CT
				STG1	171.0	Gas	CA
Dominion Resources Inc	N	Troy Energy LLC	OH	2	172.0	Gas	GT
				3	172.0	Gas	GT
				4	172.0	Gas	GT
Duke Energy Hot Spring LLC	N	Duke Energy Hot Spring	AR	CT1	198.9	Gas	CT
				CT2	198.9	Gas	CT
				ST1	198.9	Gas	CT
Duke Energy Marshall Cnty LLC	N	Marshall County	KY	CT1	80.0	Gas	GT
				CT2	80.0	Gas	GT
				CT3	80.0	Gas	GT
				CT4	80.0	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
				CT5	80.0	Gas	GT
Duke Energy North America LLC	N	Duke Energy Murray	GA	1GT1	147.0	Gas	CT
				1GT2	147.0	Gas	CT
				1STG	320.0	Gas	CA
Duke Energy Sandersville LLC	N	Duke Energy	GA	CT1	86.5	Gas	GT
				CT2	86.5	Gas	GT
				CT3	86.5	Gas	GT
				CT4	86.5	Gas	GT
Freestone Power Generation LP	N	Freestone Power	TX	GT1	166.7	Gas	GT
				GT2	166.7	Gas	GT
				ST3	184.6	Gas	CA
Hermiston Power Partnership	N	Hermiston Power Project	OR	CTG1	250.0	Gas	CT
				CTG2	250.0	Gas	CT
				STG1	311.0	Gas	CA
MEP Flora Power LLC	N	MEP Flora Power LLC	IL	CT01	114.0	Gas	GT
				CT02	114.0	Gas	GT
				CT03	114.0	Gas	GT
				CT04	114.0	Gas	GT
Mirant Sugar Creek LLC	N	Mirant Sugar Creek	IN	CT01	154.3	Gas	CT
NRG Rockford II LLC	N	NRG Rockford I Energy	IL	1	180.0	Gas	GT
NRG Rockford II LLC	N	NRG Rockford II Energy	IL	3	166.0	Gas	GT
PPL Sundance Energy LLc	N	Sundance Energy LLC	AZ	CT10	45.0	Gas	GT
				CT7	45.0	Gas	GT
				CT8	45.0	Gas	GT
				CT9	45.0	Gas	GT
PPL University Park LLC	N	PPL University Park Pwr	IL	1	45.0	Gas	GT
				2	45.0	Gas	GT
				3	45.0	Gas	GT
				4	45.0	Gas	GT
				5	45.0	Gas	GT
				6	45.0	Gas	GT
				7	45.0	Gas	GT
				8	45.0	Gas	GT
				9	45.0	Gas	GT
PSEG Fossil LLC	N	Bergen Generating	NJ	2101	174.0	Gas	CT
				2201	174.2	Gas	CT
				2301	258.0	Gas	CA
Reliant Energy Oseola LLC	N	Reliant Energy Osceola	FL	CTG3	200.0	Gas	GT
Reliant Energy Power Gen Inc	N	Reliant Energy Aurora	IL	CTG1	213.0	Gas	GT
Southeast Chicago Energy Proje	N	Southeast Chicago	IL	GT05	50.9	Gas	GT
				GT06	50.9	Gas	GT
				GT07	50.9	Gas	GT
				GT08	50.9	Gas	GT
				GT09	50.9	Gas	GT
				GT10	50.9	Gas	GT
				GT11	50.9	Gas	GT
				GT12	50.9	Gas	GT
Tenaska Alabama Partners LP	N	Tenaska Lindsay Hill	AL	STG1	390.1	Gas	CA
Tenaska Georgia Partners LP	N	Tenaska Georgia	GA	GTG4	183.2	Gas	GT
				GTG5	183.2	Gas	GT
				GTG6	183.2	Gas	GT
July							
Avista Corporation	U	Kettle Falls	WA	2	6.0	Gas	GT
Delano City of	U	Delano	MN	9	11.0	Gas	GT
FirstEnergy	U	Sumpter	MI	1	72.0	Gas	GT
				2	72.0	Gas	GT
				3	72.0	Gas	GT
				4	72.0	Gas	GT
Great River Energy	U	Pleasant Valley	MN	3	115.0	Gas	GT
Kansas Electric Power Coop	U	Sharpe	KS	1	1.9	Petroleum	IC
				10	1.9	Petroleum	IC
				2	1.9	Petroleum	IC
				3	1.9	Petroleum	IC
				4	1.9	Petroleum	IC
				5	1.9	Petroleum	IC
				6	1.9	Petroleum	IC
				7	1.9	Petroleum	IC
				8	1.9	Petroleum	IC
				9	1.9	Petroleum	IC
Maquoketa City of	U	Maquoketa 2	IA	1	1.9	Petroleum	IC

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
				2	1.9	Petroleum	IC
National Pow Coop Inc	U	Robert P Mone	OH	1	168.0	Gas	GT
				2	168.0	Gas	GT
				3	168.0	Gas	GT
PacifiCorp	U	Gadsby	UT	4	43.7	Gas	ST
				5	43.7	Gas	ST
PacifiCorp	U	West Valley Generation	UT	U5	37.0	Gas	GT
Poplar Bluff City of	U	Poplar Bluff	MO	5	7.0	Petroleum	IC
Sitka City & Borough of	U	Indian River	AK	4	4.0	Petroleum	IC
Springfield City of	U	McCartney	MO	MGS1	50.0	Gas	GT
				MGS2	50.0	Gas	GT
Tennessee Valley Authority	U	Kemper County	NC	GT1	79.0	Gas	GT
				GT2	79.0	Gas	GT
				GT3	79.0	Gas	GT
				GT4	79.0	Gas	GT
Bayou Cove Peaking Power LLC	N	Bayou Cove Peaking	LA	1	110.0	Gas	GT
				2	110.0	Gas	GT
Calpine Corp	N	Acadia Power Station	LA	CT11	185.0	Gas	CT
				CT12	185.0	Gas	CT
				ST13	240.0	Gas	CA
Calpine Corp	N	Oneta Energy Center	OK	CTG1	189.2	Gas	CT
				CTG2	189.2	Gas	CT
				CTG3	189.2	Gas	CT
				CTG4	189.2	Gas	CT
Duke Energy Moss Landing LLC	N	Duke Energy Moss	CA	NWG1	530.0	Gas	CT
				NWG2	530.0	Gas	CT
Duke Energy North America LLC	N	Duke Energy Murray	GA	2GT1	147.0	Gas	CT
				2GT2	147.0	Gas	CT
				2STG	320.0	Gas	CA
Duke Energy Sandersville LLC	N	Duke Energy	GA	CT5	86.5	Gas	GT
				CT6	86.5	Gas	GT
				CT7	86.5	Gas	GT
				CT8	86.5	Gas	GT
Freestone Power Generation LP	N	Freestone Power	TX	GT3	166.7	Gas	CT
				GT4	166.7	Gas	CT
				ST6	184.6	Gas	CA
GWF Energy LLC	N	Henrietta Peaker	CA	HPP 1	49.3	Gas	GT
				HPP 2	49.3	Gas	GT
Kinder Morgan Power Co	N	Jackson MI Facility	MI	7EA	79.0	Gas	GT
				LM1	60.0	Gas	CT
				LM2	60.0	Gas	CT
				LM3	60.0	Gas	CT
				LM4	60.0	Gas	CT
				LM5	60.0	Gas	CT
				LM6	60.0	Gas	CT
				ST1	105.0	Gas	CA
				ST2	105.0	Gas	CA
Pinnacle West Energy	N	Redhawk Unit 1	AZ	GE1	172.0	Gas	CT
				GE2	172.0	Gas	CT
				GE3	172.0	Gas	CA
Pinnacle West Energy	N	Redhawk Unit 2	AZ	GE1	172.0	Gas	CT
				GE2	172.0	Gas	CT
				GE3	189.0	Gas	CA
PPL University Park LLC	N	PPL University Park Pwr	IL	10	45.0	Gas	GT
				11	45.0	Gas	GT
				12	45.0	Gas	GT
Vanderbilt University	N	Vanderbilt University	TN	GT2	5.2	Gas	GT
Wrightsville Power Fac LLC	N	Wrightsville Power	AR	G1	60.5	Gas	CT
				G2	60.5	Gas	CT
				G3	60.5	Gas	CT
				G4	60.0	Gas	CT
				G5	60.5	Gas	CT
				G6	60.5	Gas	CT
				G7	105.5	Gas	CA
				G8	105.5	Gas	CA
				G9	105.5	Gas	CA
August							
Basin Electric Power Coop	U	Hartzog	WY	2	7.5	Gas	GT
				3	7.5	Gas	GT
PacifiCorp	U	Gadsby	UT	6	43.7	Gas	ST

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)[1]	Energy Source	Unit Type Code
Platte River Power Authority	U	Rawhide	CO	B	76.0	Gas	GT
Poplar Bluff City of	U	Poplar Bluff	MO	4	7.0	Petroleum	IC
ANP Operations Co	N	Hays Energy Project	TX	U3	280.0	Gas	CS
				U4	280.0	Gas	CS
Bayou Cove Peaking Power LLC	N	Bayou Cove Peaking	LA	3	110.0	Gas	GT
Calpine Corp	N	Acadia Power Station	LA	CT24	185.0	Gas	CT
				CT25	185.0	Gas	CT
				ST26	240.0	Gas	ST
Calpine Eastern Corp	N	Ontelaunee Energy	PA	CTG1	230.0	Gas	CT
				CTG2	230.0	Gas	CT
				STG	230.0	Gas	CT
Duke Energy Marshall Cnty LLC	N	Marshall County	KY	CT6	80.0	Gas	GT
				CT7	80.0	Gas	GT
				CT8	80.0	Gas	GT
Frederickson Power LP	N	Frederickson Power LP	WA	FICT	166.3	Gas	CT
				FIST	88.3	Gas	ST
Ouachita Operating Services LL	N	Ouachita	LA	CTG1	179.3	Gas	CT
				CTG2	179.3	Gas	CT
				CTG3	179.3	Gas	CT
				STG1	122.0	Gas	CA
				STG2	179.3	Gas	CA
				STG3	179.3	Gas	CA
TransAlta Centralia Gen LLC	N	Transalta Centralia	WA	30	47.0	Gas	CT
				40	47.0	Gas	CT
				50	47.0	Gas	CT
				60	47.0	Gas	CT
				70	80.0	Gas	CA
September							
Basin Electric Power Coop	U	Arvada	WY	1	6.0	Gas	GT
				2	6.0	Gas	GT
				3	6.0	Gas	GT
Basin Electric Power Coop	U	Barber Creek	WY	1	6.0	Gas	GT
				2	6.0	Gas	GT
				3	6.0	Gas	GT
Clarksdale City of	U	L L Wilkins	MS	1	65.0	Gas	GT
				2	65.0	Gas	GT
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT01	135.0	Gas	GT
Holland Energy LLC	N	Holland Energy Facility	IL	CTG1	178.5	Gas	CT
				STG1	345.1	Gas	CA
Total Capacity of Newly Added Units	-	-	-	-	**39,631.0**	-	-
Total Capacity of Retired Units	-	-	-	-	-	-	-
US Total Capacity	-	-	-	-	**894,139.1**	-	-

[1] Net summer capability is estimated.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are preliminary. Final data for the year are to be released in the Inventory of Electric Utility Power Plants in the United States (DOE/EIA-0095) and Inventory of Nonutility Electric Power Plants in the United States (DOE/EOA-0095/2). • Type Companies are: U = Utility and N= Nonutility. • Unit Type Codes are: CA = Combined Cycle Steam, CC = Combined Cycle - Total Unit, CT = Combined Cycle Combustion Turbine, CW = Combined Cycle Steam Turbine - Waste Heat Boiler only, GT = Combustion (gas) Turbine, HY = Hydraulic Turbine (Conventional), IC = Internal Combustion, PV = Photovoltaic Module, ST = Steam Turbine-Boiler, WT = Wind Turbine.

Source: • Energy Information Administration, Form EIA 860A, "Annual Electric Generator Report - Utility," and Form EIA-860B, "Annual Electric Generator Report - Nonutility."

Table 2. U.S. Electric Power Industry Summary Statistics

Items	September 2002	August 2002	September 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Power Industry						
Net Generation (Million kWh)						
Coal	166,318	179,488	155,153	1,439,196	1,461,493	-1.5
Petroleum[3]	7,431	9,046	7,436	69,906	108,787	-35.7
Gas	68,138	81,939	60,363	546,022	503,869	8.4
Nuclear Power	64,481	70,778	63,381	588,542	578,585	1.7
Hydroelectric (Pumped Storage)[4]	-748	-837	-945	-6,461	-6,730	-4.0
Renewable						
Hydroelectric (Conventional)	16,908	20,733	15,159	205,604	167,183	23.0
Geothermal	1,104	1,135	1,136	10,012	10,370	-3.5
Biomass	5,787	6,128	5,869	54,768	51,689	6.0
Wind	976	757	416	6,700	4,570	46.6
Photovoltaic/Solar	52	99	125	627	703	-10.8
All Energy Sources	330,448	369,267	308,094	2,914,916	2,880,521	1.2
Consumption[2]						
Coal (1,000 short tons)	83,424	91,314	80,601	732,448	747,874	-2.1
Petroleum (1,000 barrels)[5]	10,834	13,852	11,250	101,462	177,894	-43.0
Gas (1,000 Mcf)	634,776	772,975	643,556	5,367,698	5,394,672	-0.5
Stocks (end-of-month)[2]						
Coal (1,000 short tons)	145,569	142,495	127,451	-	-	-
Petroleum (1,000 barrels)[6]	40,673	43,694	51,314	-	-	-
Nonutility						
Net Generation (Million kWh)[1]						
Coal	36,099	38,050	28,402	298,536	269,730	10.7
Petroleum[3]	2,526	3,635	2,247	26,354	41,771	-36.9
Gas	45,001	52,563	34,999	359,549	292,436	22.9
Nuclear Power	22,622	24,818	19,521	202,583	171,918	17.8
Hydroelectric (Pumped Storage)[4]	-65	-101	-122	-668	-849	-21.4
Renewable						
Hydroelectric (Conventional)	1,132	1,088	994	17,186	15,703	9.4
Geothermal	1,087	1,125	1,123	9,879	10,258	-3.7
Biomass	5,618	5,965	5,714	53,522	50,224	6.6
Wind	959	743	405	6,567	4,467	47.0
Solar	52	99	125	624	700	-10.8
All Energy Sources	115,031	127,985	93,409	974,132	856,359	13.8
Consumption[1]						
Coal (1,000 short tons)	17,515	19,320	14,475	153,955	133,422	15.4
Petroleum (1,000 barrels)[5]	3,208	5,152	3,361	35,263	68,946	-48.9
Gas (1,000 Mcf)	408,798	484,732	388,320	3,535,678	3,237,606	9.2
Stocks (end-of-month)[1]						
Coal (1,000 short tons)	35,774	30,392	28,536	-	-	-
Petroleum (1,000 barrels)	14,920	15,376	18,473	-	-	-
Electric Utility						
Net Generation (Million kWh)[2]						
Coal	130,218	141,438	126,751	1,140,661	1,191,763	-4.3
Petroleum[3]	4,904	5,411	5,190	43,553	67,016	-35.0
Gas	23,137	29,376	25,363	186,473	211,433	-11.8
Nuclear Power	41,859	45,960	43,859	385,959	406,667	-5.1
Hydroelectric (Pumped Storage)[4]	-683	-736	-823	-5,793	-5,880	-1.5
Renewable						
Hydroelectric (Conventional)	15,777	19,645	14,165	188,418	151,480	24.4
Geothermal	17	11	13	132	113	17.7
Biomass	170	163	155	1,246	1,465	-14.9
Wind	18	14	11	133	103	28.5
Photovoltaic	*	*	*	3	3	2.0
All Energy Sources	215,416	241,283	214,685	1,940,784	2,024,162	-4.1
Consumption[2]						
Coal (1,000 short tons)	65,909	71,994	66,126	578,493	614,452	-5.9
Petroleum (1,000 barrels)[5]	7,626	8,700	7,889	66,199	108,947	-39.2
Gas (1,000 Mcf)	225,979	288,243	255,236	1,832,019	2,157,066	-15.1
Stocks (end-of-month)[2]						
Coal (1,000 short tons)	109,795	112,103	98,915	-	-	-
Petroleum (1,000 barrels)[6]	25,752	28,318	32,841	-	-	-

See footnotes at end of table.

Table 2. U.S. Electric Power Industry Summary Statistics (Continued)

Items	September 2002	August 2002	September 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Utility						
Retail Sales (Million kWh)[7]						
Residential	115,071	133,997	105,240	974,773	938,605	3.9
Commercial	100,225	108,279	96,899	853,299	826,829	3.2
Industrial	85,268	87,756	82,614	729,650	753,080	-3.1
Other[8]	10,404	10,346	11,203	83,074	88,677	-6.3
All Sectors	310,968	340,378	295,956	2,640,796	2,607,190	1.3
Revenue (Million Dollars)[7]						
Residential	9,922	11,694	9,359	82,533	80,571	2.4
Commercial	8,196	8,973	7,951	67,700	65,420	3.5
Industrial	4,187	4,448	4,365	35,526	38,655	-8.1
Other[8]	669	666	711	5,464	5,693	-4.0
All Sectors	22,974	25,782	22,386	191,223	190,338	0.5
Average Revenue/kWh (Cents)[7]						
Residential	8.62	8.73	8.89	8.47	8.58	-1.4
Commercial	8.18	8.29	8.21	7.93	7.91	0.3
Industrial	4.91	5.07	5.28	4.87	5.13	-5.1
Other[8]	6.43	6.44	6.34	6.58	6.42	2.4
All Sectors	7.39	7.57	7.56	7.24	7.30	-0.8

	August 2002 [9]	July 2002 [9]	August 2001 [9]	Year To Date		
				2002 [9]	2001 [9]	Difference (percent)
Receipts						
Coal (1,000 short tons)	61,386	60,607	67,986	450,817	515,444	-12.5
Petroleum (1,000 barrels)[10]	6,934	5,091	8,965	41,290	91,225	-54.7
Gas (1,000 Mcf)	205,148	205,575	277,039	1,142,405	1,544,691	-26.0
Cost (cents/million Btu)[11]						
Coal	123.4	120.8	123.3	121.9	123.5	-1.2
Petroleum[12]	389.3	361.2	359.0	352.0	411.2	-14.4
Gas[13]	338.4	343.6	355.8	346.6	508.1	-31.8

[1] Values are estimated based on a cutoff sample; see Technical Notes for a discussion of the sample design for Form EIA-900.

[2] Values for 2002 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-906. 2001 estimates have been adjusted to reflect the Form EIA-906 census data; see Technical Notes for adjustment methodology.

[3] Includes petroleum coke.

[4] Represents total pumped storage facility production minus energy used for pumping. Pumping energy used at pumped storage plants for September 2002 was 2,770 million kilowatthours.

[5] The September 2002 petroleum coke consumption was 139,330 short tons for electric utilities and 244,160 short tons for nonutilities.

[6] The September 2002 petroleum coke stocks were 296,380 short tons for electric utilities.

[7] Values for 2002 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 2001 have been revised and are preliminary. Retail revenue and retail average revenue per kilowatthour do not include taxes such as sales and excise taxes that are assessed on the consumer and collected through the utility. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

[8] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

[9] Values for 2002 and 2001 preliminary.

[10] The August 2002 petroleum coke receipts were 367,340 short tons.

[11] Average cost of fuel delivered to electric generating plants; cost values are weighted values.

[12] The August 2002 petroleum coke cost was 57.7 cents per million Btu.

[13] Includes small amounts of coke-oven, refinery, and blast-furnace gas.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • kWh=kilowatthours, and Mcf=thousand cubic feet. • Monetary values are expressed in nominal terms.

Sources: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." • Form EIA-906, "Power Plant Report."

U.S. Electric Utility Net Generation

Table 3. U.S. Electric Utility Net Generation, 1990 Through September 2002

(Million Kilowatthours)

Period	Coal	Petroleum[1]	Gas[2]	Nuclear	Hydro-Electric	Geothermal	Other[3]	Total
1990	**1,559,606**	**117,017**	**264,089**	**576,862**	**279,926**	**8,581**	**2,070**	**2,808,151**
1991	**1,551,167**	**111,463**	**264,172**	**612,565**	**275,519**	**8,087**	**2,050**	**2,825,023**
1992	**1,575,895**	**88,916**	**263,872**	**618,776**	**239,559**	**8,104**	**2,096**	**2,797,219**
1993	**1,639,151**	**99,539**	**258,915**	**610,291**	**265,063**	**7,571**	**1,994**	**2,882,525**
1994	**1,635,493**	**91,039**	**291,115**	**640,440**	**243,693**	**6,941**	**1,992**	**2,910,712**
1995	**1,652,914**	**60,844**	**307,306**	**673,402**	**293,653**	**4,745**	**1,664**	**2,994,529**
1996	**1,737,453**	**67,346**	**262,730**	**674,729**	**327,970**	**5,234**	**1,980**	**3,077,442**
1997	**1,787,806**	**77,753**	**283,625**	**628,644**	**337,233**	**5,469**	**1,993**	**3,122,522**
1998	**1,807,480**	**110,158**	**309,222**	**673,702**	**304,403**	**5,176**	**2,030**	**3,212,171**
1999	**1,767,679**	**86,929**	**296,381**	**725,036**	**293,932**	**1,698**	**2,018**	**3,173,674**
2000								
January	153,871	4,771	18,152	66,214	22,811	14	158	265,991
February	137,477	3,184	16,166	60,053	20,253	13	177	237,324
March	135,329	2,974	20,186	58,704	23,997	13	194	241,397
April	122,437	3,110	20,937	54,514	25,830	13	191	227,031
May	134,171	5,743	29,146	59,864	24,755	13	198	253,890
June	145,722	7,395	29,226	62,973	22,636	13	164	268,128
July	150,690	7,004	35,077	64,538	21,920	13	180	279,421
August	156,643	8,689	38,381	62,905	19,875	13	176	286,682
September	139,802	7,488	27,366	54,521	15,783	11	165	245,137
October	137,211	5,758	20,693	49,097	15,434	12	185	228,389
November	134,200	4,914	17,332	52,841	17,288	12	177	226,765
December	149,065	11,150	18,054	59,209	17,613	13	125	255,229
Total	**1,696,619**	**72,180**	**290,715**	**705,433**	**248,195**	**151**	**2,090**	**3,015,383**
2001								
January	143,601	11,245	15,687	48,873	16,519	14	167	236,107
February	121,342	6,070	13,643	43,544	15,628	12	141	200,381
March	126,826	6,753	16,826	43,476	18,045	14	176	212,116
April	115,574	6,826	20,771	39,031	15,287	13	174	197,676
May	126,350	7,010	22,918	43,328	16,647	*	183	216,436
June	134,165	7,753	25,865	47,849	17,863	15	190	233,699
July	147,348	7,225	35,093	48,444	15,594	16	180	253,900
August	149,805	8,944	35,267	48,262	16,674	16	194	259,161
September	126,751	5,190	25,363	43,859	13,342	13	167	214,685
October	121,573	4,244	22,347	41,200	13,666	16	158	203,204
November	117,619	3,747	15,223	41,411	13,603	14	133	191,749
December	129,191	3,913	15,431	44,929	17,236	10	137	210,847
Total	**1,560,146**	**78,919**	**264,434**	**534,207**	**190,105**	**152**	**1,999**	**2,629,962**
2002								
January	131,313	3,997	15,492	46,960	19,565	16	159	217,503
February	112,494	3,128	14,223	40,338	17,912	15	147	188,257
March	119,218	4,960	16,574	42,230	18,260	16	174	201,433
April	110,816	5,160	17,011	39,054	21,291	13	132	193,476
May	120,135	5,464	17,825	40,469	23,620	16	136	207,665
June	130,456	4,929	23,419	42,988	25,129	14	121	227,056
July	144,573	5,599	29,415	46,101	22,845	14	148	248,695
August	141,438	5,411	29,376	45,960	18,909	11	177	241,283
September	130,218	4,904	23,137	41,859	15,093	17	188	215,416
Total	**1,140,661**	**43,553**	**186,473**	**385,959**	**182,625**	**132**	**1,382**	**1,940,784**
Year to Date								
2002	**1,140,661**	**43,553**	**186,473**	**385,959**	**182,625**	**132**	**1,382**	**1,940,784**
2001	**1,191,763**	**67,016**	**211,433**	**406,667**	**145,599**	**113**	**1,571**	**2,024,162**
2000	**1,276,143**	**50,358**	**234,637**	**544,285**	**197,860**	**114**	**1,603**	**2,305,000**

[1] Includes fuel oils nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.
[2] Includes supplemental gaseous fuel.
[3] Includes biomass, wind, photovoltaic, and solar thermal energy sources.
* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Values for electric utilities for 2002 are estimates based on a cutoff model sample - see Technical Notes for a discussion of the sample design for the Form EIA-759 • Values for electric utilities for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary - see Technical Notes for adjustment methodology. • Values for electric utilities for 2000 and prior years are final. • Totals may not equal sum of components because of independent rounding. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 4. U.S. Electric Utility Net Generation by Nonrenewable Energy Source, 1990 Through September 2002

(Million Kilowatthours)

Period	All Nonrenewable Energy Sources	Coal[1]	Petroleum[2]	Gas	Nuclear	Hydroelectric (Pumped Storage)[3]
1990	**2,514,066**	**1,559,606**	**117,017**	**264,089**	**576,862**	**-3,508**
1991	**2,534,825**	**1,551,167**	**111,463**	**264,172**	**612,565**	**-4,541**
1992	**2,543,283**	**1,575,895**	**88,916**	**263,872**	**618,776**	**-4,177**
1993	**2,603,861**	**1,639,151**	**99,539**	**258,915**	**610,291**	**-4,036**
1994	**2,654,708**	**1,635,493**	**91,039**	**291,115**	**640,440**	**-3,378**
1995	**2,691,742**	**1,652,914**	**60,844**	**307,306**	**673,402**	**-2,725**
1996	**2,739,170**	**1,737,453**	**67,346**	**262,730**	**674,729**	**-3,088**
1997	**2,773,787**	**1,787,806**	**77,753**	**283,625**	**628,644**	**-4,041**
1998	**2,896,121**	**1,807,480**	**110,158**	**309,222**	**673,702**	**-4,441**
1999	**2,870,044**	**1,767,679**	**86,929**	**296,381**	**725,036**	**-5,982**
2000						
January	242,539	153,871	4,771	18,152	66,214	-470
February	216,479	137,477	3,184	16,166	60,053	-401
March	216,659	135,329	2,974	20,186	58,704	-534
April	200,655	122,437	3,110	20,937	54,514	-342
May	228,489	134,171	5,743	29,146	59,864	-435
June	244,816	145,722	7,395	29,226	62,973	-500
July	257,061	150,690	7,004	35,077	64,538	-247
August	266,300	156,643	8,689	38,381	62,905	-317
September	228,608	139,802	7,488	27,366	54,521	-570
October	212,404	137,211	5,758	20,693	49,097	-354
November	208,974	134,200	4,914	17,332	52,841	-314
December	237,003	149,065	11,150	18,054	59,209	-475
Total	**2,759,988**	**1,696,619**	**72,180**	**290,715**	**705,433**	**-4,960**
2001						
January	218,879	143,601	11,245	15,687	48,873	-528
February	184,198	121,342	6,070	13,643	43,544	-402
March	193,408	126,826	6,753	16,826	43,476	-473
April	181,679	115,574	6,826	20,771	39,031	-523
May	198,935	126,350	7,010	22,918	43,328	-671
June	214,846	134,165	7,753	25,865	47,849	-786
July	237,275	147,348	7,225	35,093	48,444	-835
August	241,439	149,805	8,944	35,267	48,262	-839
September	200,340	126,751	5,190	25,363	43,859	-823
October	188,827	121,573	4,244	22,347	41,200	-537
November	177,307	117,619	3,747	15,223	41,411	-692
December	192,868	129,191	3,913	15,431	44,929	-595
Total	**2,430,001**	**1,560,146**	**78,919**	**264,434**	**534,207**	**-7,704**
2002						
January	197,104	131,313	3,997	15,492	46,960	-658
February	169,665	112,494	3,128	14,223	40,338	-518
March	182,379	119,218	4,960	16,574	42,230	-604
April	171,529	110,816	5,160	17,011	39,054	-512
May	183,462	120,135	5,464	17,825	40,469	-431
June	201,038	130,456	4,929	23,419	42,988	-754
July	224,791	144,573	5,599	29,415	46,101	-898
August	221,449	141,438	5,411	29,376	45,960	-736
September	199,435	130,218	4,904	23,137	41,859	-683
Total	**1,750,851**	**1,140,661**	**43,553**	**186,473**	**385,959**	**-5,793**
Year to Date						
2002	**1,750,851**	**1,140,661**	**43,553**	**186,473**	**385,959**	**-5,793**
2001	**1,870,999**	**1,191,763**	**67,016**	**211,433**	**406,667**	**-5,880**
2000	**2,101,606**	**1,276,143**	**50,358**	**234,637**	**544,285**	**-3,817**

[1] Includes lignite, bituminous coal, subbituminous coal, and anthracite.
[2] Includes fuel oils Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.
[3] Pumping energy used for pumped storage plants for September 2002 was 3,191 million kilowatthours.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total may not equal sum of components because of independent rounding. Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 5. U.S. Electric Utility Net Generation by Renewable Energy Source, 1990 Through September 2002

(Thousand Kilowatthours)

Period	All Renewable Energy Sources	Hydroelectric (Conventional)	Geothermal	Biomass	Wind	Photovoltaic	Solar Thermal
1990	**294,085,003**	**283,433,659**	**8,581,228**	**2,067,270**	**398**	**2,448**	**NA**
1991	**290,197,798**	**280,060,621**	**8,087,055**	**2,046,499**	**285**	**3,338**	**NA**
1992	**253,936,260**	**243,736,029**	**8,103,809**	**2,092,945**	**308**	**3,169**	**NA**
1993	**278,663,780**	**269,098,329**	**7,570,999**	**1,990,407**	**243**	**3,802**	**NA**
1994	**256,003,613**	**247,070,938**	**6,940,637**	**1,988,257**	**309**	**3,472**	**NA**
1995	**302,786,828**	**296,377,840**	**4,744,804**	**1,649,178**	**11,097**	**3,909**	**NA**
1996	**338,272,329**	**331,058,053**	**5,233,927**	**1,967,057**	**10,123**	**3,169**	**NA**
1997	**348,735,077**	**341,273,443**	**5,469,110**	**1,983,066**	**5,977**	**3,481**	**NA**
1998	**316,049,764**	**308,843,767**	**5,176,280**	**2,024,242**	**2,957**	**2,518**	**NA**
1999	**303,629,922**	**299,913,955**	**1,698,400**	**1,991,534**	**22,998**	**3,035**	**NA**
2000							
January	23,452,309	23,280,823	13,666	154,473	3,300	47	NA
February	20,844,360	20,654,471	12,608	173,562	3,610	109	NA
March	24,737,803	24,530,640	12,744	192,488	1,790	141	NA
April	26,376,090	26,172,009	13,350	188,853	1,688	190	NA
May	25,400,915	25,190,065	12,783	195,698	2,087	282	NA
June	23,312,593	23,136,233	12,503	161,271	2,286	300	NA
July	22,359,831	22,167,420	12,886	177,157	1,943	425	NA
August	20,381,800	20,192,802	12,907	173,824	1,925	342	NA
September	16,528,223	16,352,489	10,827	162,889	1,700	318	NA
October	15,984,963	15,787,970	11,679	183,003	2,104	207	NA
November	17,791,050	17,602,061	12,314	172,363	4,209	103	NA
December	18,225,804	18,087,738	13,108	122,917	1,962	79	NA
Total	**255,395,741**	**253,154,721**	**151,375**	**2,058,498**	**28,604**	**2,543**	**NA**
2001							
January	17,227,785	17,047,166	13,671	158,135	8,783	30	NA
February	16,182,865	16,029,834	12,322	132,268	8,293	148	NA
March	18,707,541	18,517,880	13,596	165,138	10,674	253	NA
April	15,997,260	15,810,690	12,934	159,652	13,728	256	NA
May	17,501,049	17,318,470	-160	170,276	12,042	421	NA
June	18,853,608	18,648,904	14,817	177,472	12,026	389	NA
July	16,625,184	16,429,286	15,994	166,355	13,078	471	NA
August	17,722,661	17,512,395	16,289	180,297	13,252	428	NA
September	14,345,335	14,165,303	13,057	155,364	11,218	393	NA
October	14,377,108	14,203,076	15,866	145,280	12,590	296	NA
November	14,441,874	14,294,834	14,003	123,570	9,331	136	NA
December	17,978,824	17,831,363	10,064	127,335	9,951	111	NA
Total	**199,961,094**	**197,809,201**	**152,453**	**1,861,142**	**134,966**	**3,332**	**NA**
2002							
January	20,398,652	20,223,495	16,481	140,568	17,976	132	NA
February	18,592,433	18,430,092	14,989	130,208	16,951	193	NA
March	19,054,065	18,864,068	15,820	157,851	16,046	280	NA
April	21,946,846	21,802,225	12,877	115,744	15,709	291	NA
May	24,202,702	24,050,757	16,052	121,982	13,585	326	NA
June	26,018,099	25,883,017	14,121	110,303	10,219	439	NA
July	23,904,258	23,742,150	14,276	136,904	10,491	437	NA
August	19,833,378	19,645,159	10,762	163,295	13,729	433	NA
September	15,981,610	15,776,900	17,020	169,582	17,795	313	NA
Total	**189,932,043**	**188,417,863**	**132,398**	**1,246,437**	**132,501**	**2,844**	**NA**
Year to Date							
2002	**189,932,043**	**188,417,863**	**132,398**	**1,246,437**	**132,501**	**2,844**	**NA**
2001	**153,163,288**	**151,479,928**	**112,520**	**1,464,957**	**103,094**	**2,789**	**NA**
2000	**203,393,924**	**201,676,952**	**114,274**	**1,580,215**	**20,329**	**2,154**	**NA**

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values for 2002 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total may not equal sum of components because of independent rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 6. Electric Utility Net Generation by NERC Region and Hawaii

(Million Kilowatthours)

NERC Region and Hawaii	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	40,058	45,434	35,955	367,144	363,380	1.0
ERCOT	9,172	11,261	18,215	81,281	169,168	-52.0
FRCC	15,314	15,724	14,935	124,218	126,864	-2.1
MAAC	160	287	288	1,902	3,355	-43.3
MAIN	9,811	10,750	9,973	87,969	94,136	-6.6
MAPP (U.S.)	15,545	17,186	13,899	137,266	127,925	7.3
NPCC (U.S.)	4,943	5,885	6,399	46,912	63,865	-26.5
SERC	55,414	61,122	50,591	490,574	482,248	1.7
SPP	27,790	32,851	28,943	242,821	249,386	-2.6
WSCC (U.S.)	36,229	39,765	34,476	351,660	335,023	5.0
Contiguous U.S.	**214,435**	**240,266**	**213,675**	**1,931,747**	**2,015,349**	**-4.1**
Alaska	415	418	467	4,107	4,000	2.7
Hawaii	565	598	544	4,929	4,813	2.4
Noncontiguous U.S.	**981**	**1,016**	**1,011**	**9,036**	**8,813**	**2.5**
U.S. Total	**215,416**	**241,283**	**214,685**	**1,940,784**	**2,024,162**	**-4.1**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • See Glossary for explanation of acronyms. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 7. Electric Utility Net Generation by Census Division and State

(Million Kilowatthours)

Census Division and State	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**1,388**	**1,564**	**1,747**	**14,195**	**17,048**	**-16.7**
Connecticut	15	15	19	132	2,809	-95.3
Maine	*	*	*	4	4	3.2
Massachusetts	153	176	91	1,142	1,193	-4.3
New Hampshire	1,171	1,324	1,229	10,112	9,536	6.0
Rhode Island	1	1	*	7	10	-31.2
Vermont	46	47	407	2,799	3,496	-20.0
Mid Atlantic	**6,046**	**7,244**	**6,514**	**56,487**	**68,906**	**-18.0**
New Jersey	161	270	145	1,219	1,435	-15.1
New York	3,555	4,322	4,652	32,717	46,816	-30.1
Pennsylvania	2,329	2,652	1,718	22,552	20,655	9.2
East North Central	**35,724**	**39,648**	**33,208**	**320,965**	**329,247**	**-2.5**
Illinois	1,487	1,669	2,362	16,646	23,176	-28.2
Indiana	10,003	10,761	9,370	84,383	86,728	-2.7
Michigan	8,687	9,644	6,455	74,576	74,700	-0.2
Ohio	10,822	12,403	10,874	104,259	102,724	1.5
Wisconsin	4,725	5,170	4,147	41,101	41,920	-2.0
West North Central	**24,868**	**27,858**	**22,752**	**216,638**	**207,179**	**4.6**
Iowa	3,194	3,580	3,064	29,960	29,343	2.1
Kansas	4,042	4,531	3,649	34,796	34,080	2.1
Minnesota	4,906	5,279	3,699	38,712	33,035	17.2
Missouri	7,042	8,083	6,573	60,703	59,216	2.5
Nebraska	2,569	2,872	2,692	23,516	23,413	0.4
North Dakota	2,490	2,698	2,300	22,906	22,528	1.7
South Dakota	624	815	776	6,045	5,565	8.6
South Atlantic	**54,026**	**59,164**	**48,375**	**471,847**	**461,622**	**2.2**
Delaware	6	23	153	134	1,489	-91.0
District of Columbia	-	-	-	-	-	-
Florida	16,297	16,772	15,387	130,702	132,578	-1.4
Georgia	10,320	10,760	8,548	87,196	86,294	1.0
Maryland	2	4	7	24	71	-66.1
North Carolina	9,795	10,964	9,026	85,955	84,983	1.1
South Carolina	8,130	8,702	7,092	71,801	66,391	8.1
Virginia	4,853	6,399	4,549	48,489	48,569	-0.2
West Virginia	4,624	5,540	3,614	47,546	41,247	15.3
East South Central	**28,302**	**32,164**	**30,389**	**259,223**	**263,405**	**-1.6**
Alabama	10,531	11,441	10,512	91,429	89,968	1.6
Kentucky	6,460	7,484	6,916	62,219	64,220	-3.1
Mississippi	3,667	4,683	5,136	35,126	37,251	-5.7
Tennessee	7,643	8,556	7,826	70,450	71,965	-2.1
West South Central	**26,691**	**31,580**	**35,405**	**230,673**	**322,065**	**-28.4**
Arkansas	3,962	4,309	3,937	33,053	33,312	-0.8
Louisiana	4,701	5,475	4,534	39,276	39,729	-1.1
Oklahoma	4,464	5,398	4,281	39,259	38,933	0.8
Texas	13,565	16,398	22,655	119,085	210,090	-43.3
Mountain	**22,764**	**24,059**	**21,948**	**204,909**	**211,834**	**-3.3**
Arizona	6,779	7,379	7,017	61,999	66,763	-7.1
Colorado	3,282	3,712	3,414	31,058	31,581	-1.7
Idaho	623	922	433	6,868	5,404	27.1
Montana	397	746	313	5,408	3,355	61.2
Nevada	2,166	2,310	2,267	18,863	21,383	-11.8
New Mexico	2,696	2,162	2,506	22,600	24,488	-7.7
Utah	3,156	3,099	3,097	26,760	26,089	2.6
Wyoming	3,666	3,729	2,906	31,352	32,814	-4.5
Pacific Contiguous	**14,627**	**16,986**	**13,630**	**156,809**	**133,050**	**17.9**
California	6,472	7,191	6,141	57,572	53,776	7.1
Oregon	2,785	2,755	2,557	30,463	28,762	5.9
Washington	5,370	7,040	4,932	68,774	50,512	36.2
Pacific Noncontiguous	**981**	**1,016**	**1,011**	**9,036**	**8,813**	**2.5**
Alaska	415	418	467	4,107	4,000	2.7
Hawaii	565	598	544	4,929	4,813	2.4
U.S. Total	**215,416**	**241,283**	**214,685**	**1,940,784**	**2,024,162**	**-4.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 8. Electric Utility Net Generation from Coal by Census Division and State

(Million Kilowatthours)

Census Division and State	September 2002	August 2002	September 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**476**	**393**	**3,587**	**3,482**	**3.0**	**25.3**	**20.4**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	43	816	802	1.7	71.4	67.2
New Hampshire	256	372	350	2,771	2,680	3.4	27.4	28.1
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Mid Atlantic	**1,494**	**1,786**	**1,435**	**14,024**	**12,962**	**8.2**	**24.8**	**18.8**
New Jersey	169	188	129	1,048	1,226	-14.6	86.0	85.4
New York	152	168	162	1,170	1,511	-22.6	3.6	3.2
Pennsylvania	1,173	1,429	1,144	11,807	10,225	15.5	52.4	49.5
East North Central	**30,349**	**33,531**	**29,438**	**271,187**	**280,481**	**-3.3**	**84.5**	**85.2**
Illinois	1,466	1,634	2,327	16,248	22,707	-28.4	97.6	98.0
Indiana	9,750	10,530	9,271	82,418	85,508	-3.6	97.7	98.6
Michigan	5,609	6,388	5,472	49,000	51,229	-4.4	65.7	68.6
Ohio	10,068	11,277	9,267	94,606	90,677	4.3	90.7	88.3
Wisconsin	3,456	3,702	3,101	28,915	30,360	-4.8	70.4	72.4
West North Central	**19,047**	**21,285**	**17,327**	**166,508**	**160,776**	**3.6**	**76.9**	**77.6**
Iowa	2,801	3,122	2,559	25,516	25,484	0.1	85.2	86.8
Kansas	2,989	3,240	2,676	26,335	24,117	9.2	75.7	70.8
Minnesota	3,470	3,790	2,537	26,578	22,729	16.9	68.7	68.8
Missouri	5,752	6,554	5,353	48,911	49,011	-0.2	80.6	82.8
Nebraska	1,534	1,771	1,689	14,897	15,223	-2.1	63.3	65.0
North Dakota	2,343	2,516	2,205	21,709	21,450	1.2	94.8	95.2
South Dakota	158	292	308	2,563	2,763	-7.2	42.4	49.7
South Atlantic	**28,524**	**31,085**	**25,615**	**250,822**	**253,829**	**-1.2**	**53.2**	**55.0**
Delaware	-	-	NM	-	1,287	-	-	86.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,345	4,877	5,139	38,982	48,623	-19.8	29.8	36.7
Georgia	7,199	7,459	5,754	60,291	58,068	3.8	69.1	67.3
Maryland	-	-	-	-	-	-	-	-
North Carolina	6,515	6,792	5,582	53,338	53,216	0.2	62.1	62.6
South Carolina	3,184	3,437	3,050	28,063	28,897	-2.9	39.1	43.5
Virginia	2,682	3,001	2,387	22,953	22,898	0.2	47.3	47.1
West Virginia	4,600	5,518	3,587	47,194	40,839	15.6	99.3	99.0
East South Central	**19,528**	**21,647**	**19,485**	**168,981**	**176,268**	**-4.1**	**65.2**	**66.9**
Alabama	6,708	7,040	6,246	52,517	54,732	-4.0	57.4	60.8
Kentucky	6,169	7,165	6,633	58,309	60,829	-4.1	93.7	94.7
Mississippi	1,930	1,879	1,776	12,556	15,153	-17.1	35.7	40.7
Tennessee	4,721	5,564	4,829	45,599	45,555	0.1	64.7	63.3
West South Central	**14,228**	**15,170**	**17,356**	**119,804**	**152,245**	**-21.3**	**51.9**	**47.3**
Arkansas	2,221	2,305	2,323	17,070	18,234	-6.4	51.6	54.7
Louisiana	1,176	1,193	1,076	8,472	7,920	7.0	21.6	19.9
Oklahoma	2,761	3,094	2,606	24,799	24,168	2.6	63.2	62.1
Texas	8,070	8,578	11,351	69,463	101,922	-31.8	58.3	48.5
Mountain	**16,290**	**16,067**	**15,498**	**143,048**	**147,696**	**-3.1**	**69.8**	**69.7**
Arizona	3,074	3,138	3,208	27,963	29,922	-6.5	45.1	44.8
Colorado	2,743	3,111	2,787	26,155	26,930	-2.9	84.2	85.3
Idaho	-	-	-	-	-	-	-	-
Montana	24	25	17	205	226	-9.3	3.8	6.7
Nevada	1,416	1,436	1,545	12,406	13,089	-5.2	65.8	61.2
New Mexico	2,449	1,791	2,196	20,133	21,291	-5.4	89.1	86.9
Utah	2,973	2,933	2,947	25,529	24,449	4.4	95.4	93.7
Wyoming	3,610	3,634	2,797	30,658	31,788	-3.6	97.8	96.9
Pacific Contiguous	**392**	**374**	**391**	**2,549**	**3,256**	**-21.7**	**1.6**	**2.4**
California	-	-	-	-	-	-	-	-
Oregon	392	374	391	2,549	3,256	-21.7	8.4	11.3
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**18**	**18**	**17**	**152**	**149**	**2.2**	**1.7**	**1.7**
Alaska	18	18	17	152	149	2.2	3.7	3.7
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**130,218**	**141,438**	**126,751**	**1,140,661**	**1,191,763**	**-4.3**	**58.8**	**58.9**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 9. Electric Utility Net Generation from Petroleum by Census Division and State

(Million Kilowatthours)

Census Division and State	September 2002	August 2002	September 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**64**	**77**	**25**	**389**	**521**	**-25.4**	**2.7**	**3.1**
Connecticut	NM	NM	NM	6	11	-40.1	4.9	0.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	37	123	-69.7	3.3	10.3
New Hampshire	58	62	21	331	348	-4.8	3.3	3.7
Rhode Island	NM	NM	NM	7	10	-31.2	100.0	100.0
Vermont	NM	NM	NM	7	30	-76.3	0.3	0.9
Mid Atlantic	**404**	**797**	**526**	**5,563**	**8,220**	**-32.3**	**9.8**	**11.9**
New Jersey	3	61	NM	193	222	-13.0	15.8	15.5
New York	395	733	503	5,335	7,981	-33.2	16.3	17.0
Pennsylvania	6	3	NM	35	18	96.5	0.2	0.1
East North Central	**138**	**204**	**114**	**1,624**	**1,481**	**9.6**	**0.5**	**0.4**
Illinois	6	NM	NM	38	87	-55.9	0.2	0.4
Indiana	14	40	34	388	298	30.2	0.5	0.3
Michigan	70	123	NM	789	630	25.1	1.1	0.8
Ohio	29	24	26	275	324	-15.1	0.3	0.3
Wisconsin	18	13	11	133	142	-5.9	0.3	0.3
West North Central	**148**	**207**	**123**	**1,417**	**1,693**	**-16.3**	**0.7**	**0.8**
Iowa	NM	NM	NM	42	87	-51.6	0.1	0.3
Kansas	32	55	NM	403	565	-28.7	1.2	1.7
Minnesota	57	59	52	454	430	5.4	1.2	1.3
Missouri	48	79	63	473	512	-7.4	0.8	0.9
Nebraska	NM	NM	NM	15	24	-38.5	0.1	0.1
North Dakota	4	2	2	26	25	5.9	0.1	0.1
South Dakota	*	1	NM	3	50	-93.1	0.1	0.9
South Atlantic	**3,468**	**3,434**	**3,336**	**28,314**	**37,933**	**-25.4**	**6.0**	**8.2**
Delaware	5	20	19	120	171	-30.2	89.6	11.5
District of Columbia	-	-	-	-	-	-	-	-
Florida	3,348	2,849	3,146	24,488	32,606	-24.9	18.7	24.6
Georgia	9	6	13	162	254	-36.2	0.2	0.3
Maryland	NM	NM	NM	22	71	-69.6	89.3	99.6
North Carolina	7	14	12	305	372	-17.9	0.4	0.4
South Carolina	11	11	4	150	194	-22.9	0.2	0.3
Virginia	73	516	123	2,896	4,070	-28.8	6.0	8.4
West Virginia	13	13	NM	172	194	-11.6	0.4	0.5
East South Central	**27**	**16**	**251**	**377**	**5,748**	**-93.4**	**0.1**	**2.2**
Alabama	6	4	7	102	228	-55.3	0.1	0.3
Kentucky	9	5	10	91	87	4.5	0.1	0.1
Mississippi	NM	NM	228	20	5,117	-99.6	0.1	13.7
Tennessee	10	6	6	164	316	-48.2	0.2	0.4
West South Central	**16**	**NM**	**83**	**135**	**3,993**	**-96.6**	**0.1**	**1.2**
Arkansas	10	1	61	85	569	-85.0	0.3	1.7
Louisiana	3	NM	14	26	1,573	-98.3	0.1	4.0
Oklahoma	NM	NM	NM	6	143	-95.8	*	0.4
Texas	NM	NM	NM	18	1,708	-99.0	*	0.8
Mountain	**17**	**17**	**165**	**169**	**1,432**	**-88.2**	**0.1**	**0.7**
Arizona	2	6	3	41	302	-86.3	0.1	0.5
Colorado	1	1	NM	19	144	-86.8	0.1	0.5
Idaho	-	-	*	*	4	-	*	0.1
Montana	NM	NM	NM	*	1	-	*	*
Nevada	4	1	149	21	891	-97.7	0.1	4.2
New Mexico	5	1	5	20	24	-15.7	0.1	0.1
Utah	NM	NM	NM	35	43	-17.8	0.1	0.2
Wyoming	2	4	3	32	25	28.9	0.1	0.1
Pacific Contiguous	**7**	**4**	**3**	**46**	**569**	**-91.9**	*	**0.4**
California	5	4	3	36	306	-88.3	0.1	0.6
Oregon	*	*	*	6	87	-93.5	*	0.3
Washington	2	*	*	4	176	-97.5	*	0.3
Pacific Noncontiguous	**615**	**652**	**577**	**5,520**	**5,436**	**1.6**	**61.1**	**61.7**
Alaska	50	NM	35	601	638	-5.8	14.6	15.9
Hawaii	565	596	542	4,920	4,798	2.5	99.8	99.7
U.S. Total	**4,904**	**5,411**	**5,190**	**43,553**	**67,016**	**-35.0**	**2.2**	**3.3**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 10. Electric Utility Net Generation from Gas by Census Division and State

(Million Kilowatthours)

Census Division and State	September 2002	August 2002	September 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**67**	**78**	**56**	**267**	**191**	**39.9**	**1.9**	**1.1**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	48	53	42	196	164	19.3	17.2	13.8
New Hampshire	19	25	14	68	16	318.8	0.7	0.2
Rhode Island	-	-	-	-	-	-	-	-
Vermont	*	*	*	3	10	-75.2	0.1	0.3
Mid Atlantic	**1,256**	**1,565**	**1,049**	**8,597**	**6,222**	**38.2**	**15.2**	**9.0**
New Jersey	5	35	5	87	99	-12.1	7.1	6.9
New York	1,251	1,530	1,044	8,509	6,122	39.0	26.0	13.1
Pennsylvania	NM	NM	NM	1	1	-4.6	*	*
East North Central	**677**	**750**	**310**	**5,011**	**3,560**	**40.8**	**1.6**	**1.1**
Illinois	NM	NM	NM	309	332	-6.7	1.9	1.4
Indiana	214	162	24	1,284	492	160.7	1.5	0.6
Michigan	221	295	178	1,852	1,671	10.8	2.5	2.2
Ohio	108	156	NM	733	327	124.2	0.7	0.3
Wisconsin	123	111	69	833	737	13.0	2.0	1.8
West North Central	**737**	**1,172**	**NM**	**6,084**	**5,912**	**2.9**	**2.8**	**2.9**
Iowa	NM	NM	36	367	379	-3.1	1.2	1.3
Kansas	NM	362	NM	1,650	1,684	-2.0	4.7	4.9
Minnesota	87	NM	NM	533	338	58.0	1.4	1.0
Missouri	385	587	338	3,103	2,932	5.8	5.1	5.0
Nebraska	NM	70	NM	348	283	22.8	1.5	1.2
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	11	4	14	83	296	-71.9	1.4	5.3
South Atlantic	**6,711**	**7,807**	**4,869**	**49,753**	**30,077**	**65.4**	**10.5**	**6.5**
Delaware	1	3	19	14	31	-55.0	10.4	2.1
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,812	6,114	4,229	41,508	26,503	56.6	31.8	20.0
Georgia	116	203	173	1,159	1,088	6.5	1.3	1.3
Maryland	NM	NM	NM	3	*	NM	10.7	0.4
North Carolina	250	489	64	1,794	937	91.4	2.1	1.1
South Carolina	303	563	4	3,308	98	3,267.7	4.6	0.1
Virginia	229	435	380	1,964	1,416	38.7	4.1	2.9
West Virginia	*	*	NM	3	3	-18.0	*	*
East South Central	**2,493**	**3,213**	**3,151**	**24,890**	**15,923**	**56.3**	**9.6**	**6.0**
Alabama	994	1,174	882	9,147	5,811	57.4	10.0	6.5
Kentucky	89	116	31	639	264	141.8	1.0	0.4
Mississippi	1,410	1,923	2,238	15,089	9,842	53.3	43.0	26.4
Tennessee	*	1	-	15	5	174.0	*	*
West South Central	**7,578**	**11,084**	**11,685**	**64,985**	**108,261**	**-40.0**	**28.2**	**33.6**
Arkansas	187	273	148	1,507	1,581	-4.7	4.6	4.7
Louisiana	2,095	2,736	2,127	18,101	17,130	5.7	46.1	43.1
Oklahoma	1,670	2,215	1,619	12,793	12,695	0.8	32.6	32.6
Texas	3,627	5,861	7,791	32,584	76,856	-57.6	27.4	36.6
Mountain	**2,054**	**2,320**	**1,924**	**15,837**	**21,008**	**-24.6**	**7.7**	**9.9**
Arizona	619	705	662	4,165	7,907	-47.3	6.7	11.8
Colorado	474	482	440	3,960	3,583	10.5	12.8	11.3
Idaho	1	1	-	33	-	NM	0.5	-
Montana	1	1	*	6	10	-35.4	0.1	0.3
Nevada	589	658	416	4,636	5,259	-11.8	24.6	24.6
New Mexico	225	348	290	2,225	2,962	-24.9	9.8	12.1
Utah	129	113	99	681	1,074	-36.6	2.5	4.1
Wyoming	17	12	17	131	213	-38.5	0.4	0.6
Pacific Contiguous	**1,332**	**1,178**	**1,614**	**8,896**	**17,602**	**-49.5**	**5.7**	**13.2**
California	1,043	969	977	6,825	9,664	-29.4	11.9	18.0
Oregon	181	136	385	1,264	4,055	-68.8	4.1	14.1
Washington	107	74	251	808	3,883	-79.2	1.2	7.7
Pacific Noncontiguous	**231**	**208**	**260**	**2,152**	**2,208**	**-2.5**	**23.8**	**25.1**
Alaska	231	208	260	2,152	2,208	-2.5	52.4	55.2
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**23,137**	**29,376**	**25,363**	**186,473**	**211,433**	**-11.8**	**9.6**	**10.4**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 11. Electric Utility Net Generation from Hydroelectric by Census Division and State
(Million Kilowatthours)

Census Division and State	September 2002	August 2002	September 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**NM**	**NM**	**617**	**569**	**8.4**	**4.3**	**3.3**
Connecticut	NM	NM	NM	23	22	3.2	17.1	0.8
Maine	NM	NM	NM	4	4	3.2	100.0	100.0
Massachusetts	NM	NM	NM	93	104	-11.0	8.1	8.7
New Hampshire	7	5	9	204	187	9.1	2.0	2.0
Rhode Island	-	-	-	-	-	-	-	-
Vermont	NM	NM	NM	295	253	16.5	10.5	7.2
Mid Atlantic	**1,400**	**1,513**	**1,202**	**15,433**	**13,476**	**14.5**	**27.3**	**19.6**
New Jersey	-15	-14	-12	-109	-112	-2.7	-8.9	-7.8
New York	1,420	1,532	1,233	14,970	12,991	15.2	45.8	27.7
Pennsylvania	-5	-6	NM	572	597	-4.2	2.5	2.9
East North Central	**255**	**NM**	**152**	**2,848**	**2,482**	**14.7**	**0.9**	**0.8**
Illinois	NM	NM	NM	50	42	19.8	0.3	0.2
Indiana	25	29	42	294	429	-31.5	0.3	0.5
Michigan	NM	NM	-32	418	179	132.8	0.6	0.2
Ohio	24	28	32	353	382	-7.5	0.3	0.4
Wisconsin	199	180	106	1,733	1,450	19.5	4.2	3.5
West North Central	**901**	**1,024**	**745**	**7,857**	**6,187**	**27.0**	**3.6**	**3.0**
Iowa	88	94	73	687	617	11.3	2.3	2.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	77	94	27	568	465	22.3	1.5	1.4
Missouri	NM	NM	-11	1,188	773	53.6	2.0	1.3
Nebraska	106	119	110	852	824	3.4	3.6	3.5
North Dakota	144	180	94	1,171	1,054	11.1	5.1	4.7
South Dakota	454	518	453	3,391	2,454	38.2	56.1	44.1
South Atlantic	**152**	**98**	**-2**	**1,937**	**2,736**	**-29.2**	**0.4**	**0.6**
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	12	9	10	126	118	6.3	0.1	0.1
Georgia	107	83	51	1,281	1,573	-18.6	1.5	1.8
Maryland	-	-	NM	-	-	-	-	-
North Carolina	193	177	179	1,471	1,387	6.0	1.7	1.6
South Carolina	-56	-53	NM	-51	77	-166.9	-0.1	0.1
Virginia	-113	-124	-262	-1,049	-603	73.8	-2.2	-1.2
West Virginia	9	6	NM	159	184	-13.7	0.3	0.4
East South Central	**1,167**	**1,082**	**1,418**	**13,158**	**13,631**	**-3.5**	**5.1**	**5.2**
Alabama	479	373	556	5,415	6,462	-16.2	5.9	7.2
Kentucky	193	198	243	3,180	3,040	4.6	5.1	4.7
Mississippi	-	-	-	-	-	-	-	-
Tennessee	495	511	619	4,563	4,129	10.5	6.5	5.7
West South Central	**369**	**544**	**295**	**5,524**	**5,039**	**9.6**	**2.4**	**1.6**
Arkansas	279	361	118	3,073	2,065	48.8	9.3	6.2
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	32	89	NM	1,661	1,928	-13.8	4.2	5.0
Texas	NM	NM	124	789	1,046	-24.5	0.7	0.5
Mountain	**1,764**	**2,843**	**1,727**	**21,979**	**19,086**	**15.2**	**10.7**	**9.0**
Arizona	466	735	524	6,143	6,133	0.2	9.9	9.2
Colorado	61	114	183	881	894	-1.5	2.8	2.8
Idaho	622	921	433	6,835	5,401	26.6	99.5	99.9
Montana	372	720	295	5,197	3,118	66.7	96.1	93.0
Nevada	157	215	157	1,800	2,143	-16.0	9.5	10.0
New Mexico	NM	NM	NM	222	211	5.4	1.0	0.9
Utah	NM	NM	NM	383	410	-6.7	1.4	1.6
Wyoming	36	78	87	518	776	-33.2	1.7	2.4
Pacific Contiguous	**8,930**	**11,381**	**7,601**	**112,061**	**81,515**	**37.5**	**71.5**	**61.3**
California	2,257	3,006	1,979	24,202	19,734	22.6	42.0	36.7
Oregon	2,212	2,245	1,781	26,645	21,364	24.7	87.5	74.3
Washington	4,460	6,130	3,841	61,214	40,417	51.5	89.0	80.0
Pacific Noncontiguous	**NM**	**NM**	**NM**	**1,210**	**1,018**	**18.9**	**13.4**	**11.5**
Alaska	NM	NM	NM	1,202	1,004	19.6	29.3	25.1
Hawaii	*	2	2	8	13	-36.4	0.2	0.3
U.S. Total	**15,093**	**18,909**	**13,342**	**182,625**	**145,599**	**25.4**	**9.4**	**7.2**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Pumping energy used at pumped storage plants for #1 #2 was 2,750 million kilowatthours. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 12. Electric Utility Net Generation from Nuclear by Census Division and State

(Million Kilowatthours)

Census Division and State	September 2002	August 2002	September 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**832**	**859**	**1,200**	**9,105**	**11,986**	**-24.0**	**64.1**	**70.3**
Connecticut	-	-	-	-	2,630	-	-	93.6
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	832	859	835	6,738	6,305	6.9	66.6	66.1
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	365	2,367	3,051	-22.4	84.6	87.3
Mid Atlantic	**1,491**	**1,583**	**2,301**	**12,871**	**28,026**	**-54.1**	**22.8**	**40.7**
New Jersey	-	-	-	-	-	-	-	-
New York	337	358	1,710	2,734	18,212	-85.0	8.4	38.9
Pennsylvania	1,155	1,226	592	10,137	9,814	3.3	44.9	47.5
East North Central	**4,273**	**4,887**	**3,173**	**40,050**	**40,980**	**-2.3**	**12.5**	**12.4**
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	2,782	2,828	795	22,495	20,979	7.2	30.2	28.1
Ohio	592	918	1,538	8,292	11,014	-24.7	8.0	10.7
Wisconsin	899	1,140	840	9,263	8,987	3.1	22.5	21.4
West North Central	**3,990**	**4,123**	**3,981**	**34,397**	**32,254**	**6.6**	**15.9**	**15.6**
Iowa	256	297	388	3,315	2,736	21.2	11.1	9.3
Kansas	850	874	853	6,409	7,714	-16.9	18.4	22.6
Minnesota	1,179	1,203	1,038	10,278	8,795	16.9	26.5	26.6
Missouri	819	841	824	6,993	5,951	17.5	11.5	10.0
Nebraska	884	909	878	7,403	7,057	4.9	31.5	30.1
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**15,158**	**16,723**	**14,548**	**140,898**	**136,928**	**2.9**	**29.9**	**29.7**
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,772	2,910	2,854	25,504	24,634	3.5	19.5	18.6
Georgia	2,889	3,010	2,557	24,303	25,311	-4.0	27.9	29.3
Maryland	-	-	-	-	-	-	-	-
North Carolina	2,830	3,492	3,189	29,047	29,070	-0.1	33.8	34.2
South Carolina	4,686	4,742	4,028	40,320	37,125	8.6	56.2	55.9
Virginia	1,982	2,570	1,921	21,724	20,787	4.5	44.8	42.8
West Virginia	-	-	-	-	-	-	-	-
East South Central	**5,087**	**6,206**	**6,084**	**51,818**	**51,834**	*****	**20.0**	**19.7**
Alabama	2,346	2,850	2,820	24,248	22,735	6.7	26.5	25.3
Kentucky	-	-	-	-	-	-	-	-
Mississippi	324	882	893	7,460	7,139	4.5	21.2	19.2
Tennessee	2,417	2,474	2,371	20,110	21,960	-8.4	28.5	30.5
West South Central	**4,500**	**4,779**	**5,986**	**40,225**	**52,528**	**-23.4**	**17.4**	**16.3**
Arkansas	1,264	1,370	1,286	11,317	10,863	4.2	34.2	32.6
Louisiana	1,427	1,546	1,317	12,677	13,107	-3.3	32.3	33.0
Oklahoma	-	-	-	-	-	-	-	-
Texas	1,809	1,863	3,383	16,232	28,558	-43.2	13.6	13.6
Mountain	**2,615**	**2,794**	**2,616**	**23,663**	**22,475**	**5.3**	**11.5**	**10.6**
Arizona	2,615	2,794	2,616	23,663	22,475	5.3	38.2	33.7
Colorado	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	**3,912**	**4,005**	**3,969**	**32,932**	**29,657**	**11.0**	**21.0**	**22.3**
California	3,150	3,196	3,164	26,358	23,904	10.3	45.8	44.5
Oregon	-	-	-	-	-	-	-	-
Washington	761	809	805	6,574	5,753	14.3	9.6	11.4
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**41,859**	**45,960**	**43,859**	**385,959**	**406,667**	**-5.1**	**19.9**	**20.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 13. Electric Utility Net Generation from Other Energy Sources by Census Division and State

(Million Kilowatthours)

Census Division and State	September 2002	August 2002	September 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**36**	**37**	**36**	**230**	**299**	**-23.0**	**1.6**	**1.8**
Connecticut	NM	NM	16	103	147	-29.7	78.1	5.2
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	23	24	19	127	152	-16.6	4.5	4.4
Mid Atlantic	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	**32**	**27**	**20**	**245**	**263**	**-6.6**	**0.1**	**0.1**
Illinois	-	-	-	-	8	-	-	*
Indiana	-	-	-	-	-	-	-	-
Michigan	2	4	1	22	11	94.3	*	*
Ohio	-	-	-	-	-	-	-	-
Wisconsin	31	23	19	223	243	-8.3	0.5	0.6
West North Central	**46**	**47**	**41**	**375**	**357**	**5.0**	**0.2**	**0.2**
Iowa	3	4	6	33	40	-17.9	0.1	0.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	36	39	30	301	278	8.2	0.8	0.8
Missouri	6	4	5	35	36	-3.2	0.1	0.1
Nebraska	*	*	*	2	2	4.0	*	*
North Dakota	-	-	-	-	-	-	-	-
South Dakota	*	*	*	4	1	541.1	0.1	*
South Atlantic	**12**	**17**	**10**	**124**	**120**	**3.3**	*	*
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	8	12	9	93	94	-1.2	0.1	0.1
Georgia	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1	1	-	12	-	-	*	-
Virginia	-	-	-	-	-	-	-	-
West Virginia	3	3	*	19	26	-26.1	*	0.1
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-
Mountain	**25**	**18**	**5**	**213**	**24**	**788.9**	**0.1**	*
Arizona	2	2	5	24	24	-0.4	*	*
Colorado	4	4	3	43	29	48.6	0.1	0.1
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	132	-	-	0.5	-
Wyoming	1	1	1	13	12	9.5	*	*
Pacific Contiguous	**54**	**43**	**52**	**325**	**452**	**-28.1**	**0.2**	**0.3**
California	16	17	18	151	169	-10.4	0.3	0.3
Oregon	-	-	-	-	-	-	-	-
Washington	38	26	34	174	283	-38.6	0.3	0.6
Pacific Noncontiguous	**NM**	**NM**	*	**2**	**2**	**-32.9**	*	*
Alaska	NM	NM	*	*	1	-	*	*
Hawaii	*	*	*	1	2	-21.5	*	*
U.S. Total	**205**	**188**	**167**	**1,514**	**1,571**	**-3.6**	**0.1**	**0.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include geothermal, wood, wind, waste, and solar. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

U.S. Electric Utility Consumption of Fossil Fuels

Table 14. U.S. Electric Utility Consumption of Fossil Fuels, 1990 Through September 2002

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Distillate	Residual	Total		
1990	**1,031**	**694,317**	**78,201**	**773,549**	**14,823**	**181,231**	**196,054**	**819**	**2,787,332**
1991	**994**	**691,275**	**79,999**	**772,268**	**13,729**	**171,157**	**184,886**	**722**	**2,789,014**
1992	**986**	**698,626**	**80,248**	**779,860**	**11,556**	**135,779**	**147,335**	**999**	**2,765,608**
1993	**951**	**732,736**	**79,821**	**813,508**	**13,168**	**149,287**	**162,454**	**1,220**	**2,682,440**
1994	**1,123**	**737,102**	**79,045**	**817,270**	**16,338**	**134,666**	**151,004**	**875**	**2,987,146**
1995	**978**	**749,950**	**78,078**	**829,007**	**15,565**	**86,584**	**102,150**	**761**	**3,196,507**
1996	**1,009**	**795,252**	**78,421**	**874,681**	**16,892**	**96,382**	**113,274**	**681**	**2,732,107**
1997	**1,014**	**821,823**	**77,524**	**900,361**	**15,157**	**109,989**	**125,146**	**1,400**	**2,968,453**
1998	**867**	**832,094**	**77,906**	**910,867**	**22,041**	**156,573**	**178,614**	**1,769**	**3,258,054**
1999	**686**	**815,909**	**77,525**	**894,120**	**21,528**	**122,303**	**143,830**	**1,608**	**3,113,419**
2000									
January	NA	70,591	6,499	77,090	1,769	6,194	7,963	162	190,316
February	NA	63,085	6,357	69,442	1,068	4,083	5,150	132	166,842
March	NA	61,921	6,004	67,925	913	3,859	4,772	87	207,545
April	NA	56,301	4,912	61,214	824	4,222	5,046	89	214,599
May	NA	61,750	5,678	67,428	1,921	7,781	9,702	81	308,787
June	NA	67,458	6,452	73,910	1,659	10,533	12,192	99	307,218
July	NA	69,993	7,058	77,051	1,957	9,792	11,749	58	373,256
August	NA	72,974	7,046	80,021	2,198	12,149	14,347	114	410,344
September	NA	64,397	6,328	70,725	1,485	10,836	12,321	87	283,535
October	NA	63,225	6,610	69,835	1,023	8,222	9,245	69	213,487
November	NA	62,711	6,404	69,114	1,292	6,827	8,120	74	180,318
December	NA	69,129	6,450	75,579	6,668	12,852	19,520	80	186,846
Total	**NA**	**783,536**	**75,799**	**859,335**	**22,779**	**97,350**	**120,129**	**1,132**	**3,043,094**
2001									
January	-	67,134	6,101	73,236	6,425	13,210	19,636	108	157,736
February	-	57,143	5,380	62,523	1,694	8,190	9,884	100	143,619
March	-	59,244	5,749	64,993	1,886	9,032	10,917	80	172,448
April	-	53,468	5,421	58,889	1,820	9,427	11,246	53	212,257
May	-	59,258	5,975	65,233	1,626	9,801	11,427	77	236,407
June	-	63,127	5,999	69,126	1,355	11,111	12,466	111	261,345
July	-	69,891	6,597	76,487	1,261	10,018	11,279	139	356,801
August	-	71,139	6,700	77,839	1,762	12,440	14,202	177	361,218
September	-	60,296	5,830	66,126	787	7,102	7,889	145	255,236
October	-	57,899	5,064	62,963	959	5,384	6,343	145	224,674
November	-	55,763	5,397	61,160	672	4,817	5,490	122	151,268
December	-	61,331	6,364	67,695	856	4,750	5,606	160	153,279
Total	**-**	**735,694**	**70,575**	**806,269**	**21,103**	**105,283**	**126,386**	**1,418**	**2,686,287**
2002									
January	-	62,768	4,008	66,776	1,319	4,672	5,992	151	147,359
February	-	53,951	3,602	57,553	710	3,773	4,483	150	137,277
March	-	56,546	3,578	60,123	1,139	6,360	7,499	146	160,864
April	-	53,049	2,914	55,963	1,171	6,657	7,828	131	169,266
May	-	57,252	3,583	60,836	1,361	6,776	8,137	188	180,028
June	-	62,589	3,735	66,324	1,041	6,205	7,247	179	228,513
July	-	68,924	4,092	73,016	1,374	7,314	8,688	145	294,491
August	-	67,840	4,153	71,994	1,215	7,486	8,700	135	288,243
September	-	62,056	3,853	65,909	1,051	6,574	7,626	139	225,979
Total	**-**	**544,975**	**33,518**	**578,493**	**10,382**	**55,817**	**66,199**	**1,363**	**1,832,019**
Year to Date									
2002	**-**	**544,975**	**33,518**	**578,493**	**10,382**	**55,817**	**66,199**	**1,363**	**1,832,019**
2001	**-**	**560,701**	**53,751**	**614,452**	**18,615**	**90,332**	**108,947**	**990**	**2,157,066**
2000	**NA**	**588,472**	**56,335**	**644,806**	**13,795**	**69,450**	**83,245**	**910**	**2,462,443**

[1] Includes anthracite silt stored off-site.
[2] Includes subbituminous coal.

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total may not equal sum of components because of independent rounding. • Mcf=thousand cubic feet. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 15. Electric Utility Consumption of Coal by NERC Region and Hawaii
(Thousand Short Tons)

NERC Region and Hawaii	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	15,940	18,077	15,092	144,651	144,932	-0.2
ERCOT	3,614	3,712	6,378	30,230	56,742	-46.7
FRCC	1,589	1,822	2,043	14,905	17,971	-17.1
MAAC	76	90	NM	493	1,102	-55.3
MAIN	4,538	4,896	4,751	39,790	44,140	-9.9
MAPP (U.S.)	7,353	7,959	7,116	67,714	67,458	0.4
NPCC (U.S.)	211	268	228	1,965	2,054	-4.3
SERC	14,589	16,389	13,209	125,175	125,322	-0.1
SPP	9,748	10,743	9,545	81,755	80,761	1.2
WSCC (U.S.)	8,231	8,020	7,637	71,667	73,832	-2.9
Contiguous U.S.	**65,891**	**71,976**	**66,109**	**578,345**	**614,315**	**-5.9**
Alaska	18	18	16	148	137	8.1
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**18**	**18**	**16**	**148**	**137**	**8.1**
U.S. Total	**65,909**	**71,994**	**66,126**	**578,493**	**614,452**	**-5.9**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • See Glossary for explanation of acronyms. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 16. Electric Utility Consumption of Petroleum by NERC Region and Hawaii
(Thousand Barrels)

NERC Region and Hawaii	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	251	355	178	2,868	2,650	8.2
ERCOT	4	3	12	29	3,057	-99.0
FRCC	5,047	4,331	4,616	35,826	50,336	-28.8
MAAC	23	167	59	596	859	-30.6
MAIN	17	26	18	395	528	-25.2
MAPP (U.S.)	47	43	25	462	787	-41.3
NPCC (U.S.)	816	1,499	862	10,038	14,621	-31.3
SERC	218	983	270	6,271	9,291	-32.5
SPP	94	122	546	1,127	13,886	-91.9
WSCC (U.S.)	47	39	276	392	4,407	-91.1
Contiguous U.S.	**6,563**	**7,569**	**6,862**	**56,641**	**99,432**	**-43.0**
Alaska	93	106	67	1,091	1,165	-6.3
Hawaii	969	1,025	960	8,467	8,350	1.4
Noncontiguous U.S.	**1,063**	**1,132**	**1,027**	**9,558**	**9,515**	**0.5**
U.S. Total	**7,626**	**8,700**	**7,889**	**66,199**	**108,947**	**-39.2**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • See Glossary for explanation of acronyms. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 17. Electric Utility Consumption of Gas by NERC Region and Hawaii

(Million Cubic Feet)

NERC Region and Hawaii	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	7,550	9,240	3,419	54,933	37,948	44.8
ERCOT	20,105	39,315	63,093	200,752	622,576	-67.8
FRCC	44,494	48,182	37,728	338,772	234,465	44.5
MAAC	81	442	189	1,299	1,512	-14.1
MAIN	1,832	1,951	1,203	15,496	13,481	15.0
MAPP (U.S.)	3,666	5,076	1,849	33,003	16,695	97.7
NPCC (U.S.)	13,935	16,981	11,841	92,341	66,750	38.3
SERC	19,107	27,707	14,314	170,452	102,444	66.4
SPP	77,856	102,287	83,228	655,698	633,513	3.5
WSCC (U.S.)	34,748	34,566	35,997	246,188	404,108	-39.1
Contiguous U.S.	**223,374**	**285,749**	**252,862**	**1,808,935**	**2,133,491**	**-15.2**
Alaska	2,604	2,494	2,374	23,084	23,575	-2.1
Hawaii	*	*	*	-	-	-
Noncontiguous U.S.	**2,604**	**2,494**	**2,374**	**23,084**	**23,575**	**-2.1**
U.S. Total	**225,979**	**288,243**	**255,236**	**1,832,019**	**2,157,066**	**-15.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • See Glossary for explanation of acronyms. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 18. Electric Utility Consumption of Coal by Census Division and State

(Thousand Short Tons)

Census Division and State	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**NM**	**200**	**162**	**1,474**	**1,436**	**2.7**
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	17	331	325	1.8
New Hampshire	110	158	145	1,143	1,110	2.9
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Mid Atlantic	**535**	**795**	**583**	**5,783**	**5,440**	**6.3**
New Jersey	76	90	56	493	569	-13.4
New York	64	68	66	491	617	-20.5
Pennsylvania	395	636	461	4,800	4,253	12.9
East North Central	**14,993**	**16,392**	**14,679**	**132,258**	**138,120**	**-4.2**
Illinois	810	891	1,337	9,113	12,633	-27.9
Indiana	4,952	5,197	4,611	40,482	42,113	-3.9
Michigan	2,815	3,209	2,861	24,811	25,694	-3.4
Ohio	4,327	4,855	3,975	40,396	39,511	2.2
Wisconsin	2,088	2,240	1,894	17,456	18,169	-3.9
West North Central	**11,790**	**13,205**	**11,220**	**105,665**	**103,490**	**2.1**
Iowa	1,809	2,021	1,649	16,382	16,167	1.3
Kansas	1,918	2,096	1,725	16,878	15,309	10.2
Minnesota	1,554	1,704	1,515	14,065	13,514	4.1
Missouri	3,431	3,906	3,187	29,017	28,859	0.5
Nebraska	968	1,101	1,064	9,170	9,516	-3.6
North Dakota	2,004	2,189	1,890	18,555	18,435	0.6
South Dakota	106	188	190	1,599	1,690	-5.4
South Atlantic	**11,550**	**13,248**	**10,653**	**103,084**	**103,845**	**-0.7**
Delaware	-	-	NM	-	562	-
District of Columbia	-	-	-	-	-	-
Florida	1,902	2,155	2,227	17,017	20,393	-16.6
Georgia	2,855	3,157	2,474	25,250	24,409	3.4
Maryland	-	-	-	-	-	-
North Carolina	2,561	2,794	2,224	21,007	21,044	-0.2
South Carolina	1,254	1,362	1,233	11,032	11,447	-3.6
Virginia	1,087	1,209	965	9,274	9,182	1.0
West Virginia	1,891	2,571	1,479	19,504	16,807	16.0
East South Central	**8,820**	**9,857**	**8,806**	**76,176**	**79,363**	**-4.0**
Alabama	3,139	3,344	2,927	24,468	25,869	-5.4
Kentucky	2,855	3,306	3,076	26,874	27,752	-3.2
Mississippi	847	824	774	5,555	6,688	-16.9
Tennessee	1,979	2,383	2,029	19,278	19,053	1.2
West South Central	**9,112**	**9,754**	**11,803**	**76,442**	**102,411**	**-25.4**
Arkansas	1,371	1,438	1,432	10,500	11,130	-5.7
Louisiana	782	827	751	5,820	5,579	4.3
Oklahoma	1,695	1,903	1,593	15,099	14,622	3.3
Texas	5,264	5,587	8,027	45,023	71,080	-36.7
Mountain	**8,725**	**8,317**	**8,070**	**75,997**	**78,099**	**-2.7**
Arizona	1,598	1,595	1,634	14,201	15,182	-6.5
Colorado	1,517	1,673	1,523	14,223	14,705	-3.3
Idaho	-	-	-	-	-	-
Montana	24	24	18	202	229	-11.4
Nevada	652	665	694	5,867	6,017	-2.5
New Mexico	1,387	995	1,250	11,331	11,926	-5.0
Utah	1,322	1,311	1,263	11,331	10,671	6.2
Wyoming	2,225	2,053	1,687	18,842	19,369	-2.7
Pacific Contiguous	**218**	**210**	**219**	**1,466**	**1,851**	**-20.8**
California	-	-	-	-	-	-
Oregon	218	210	219	1,466	1,851	-20.8
Washington	-	-	-	-	-	-
Pacific Noncontiguous	**18**	**18**	**16**	**148**	**137**	**8.1**
Alaska	18	18	16	148	137	8.1
Hawaii	-	-	-	-	-	-
U.S. Total	**65,909**	**71,994**	**66,126**	**578,493**	**614,452**	**-5.9**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 19. Electric Utility Consumption of Petroleum by Census Division and State

(Thousand Barrels)

Census Division and State	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**125**	**160**	**53**	**780**	**1,040**	**-25.0**
Connecticut	NM	NM	NM	16	28	-43.9
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	NM	76	243	-68.7
New Hampshire	111	126	43	655	672	-2.4
Rhode Island	NM	NM	NM	10	16	-35.7
Vermont	NM	NM	NM	23	81	-72.1
Mid Atlantic	**714**	**1,473**	**851**	**9,681**	**14,043**	**-31.1**
New Jersey	11	128	NM	362	426	-15.1
New York	691	1,339	809	9,258	13,585	-31.9
Pennsylvania	11	5	NM	61	32	93.0
East North Central	**230**	**343**	**165**	**2,511**	**2,564**	**-2.1**
Illinois	NM	NM	NM	60	173	-65.6
Indiana	21	34	33	333	350	-4.8
Michigan	137	262	83	1,683	1,279	31.6
Ohio	55	45	40	462	649	-28.7
Wisconsin	23	NM	13	139	204	-31.7
West North Central	**104**	**160**	**34**	**1,170**	**1,943**	**-39.8**
Iowa	NM	NM	NM	99	195	-49.4
Kansas	59	104	NM	730	1,048	-30.3
Minnesota	NM	NM	NM	217	355	-38.9
Missouri	NM	NM	NM	318	423	-24.7
Nebraska	NM	NM	NM	35	58	-39.4
North Dakota	7	5	3	50	47	5.4
South Dakota	1	2	NM	11	104	-89.3
South Atlantic	**5,259**	**5,350**	**4,922**	**41,163**	**58,401**	**-29.5**
Delaware	8	33	34	197	303	-35.2
District of Columbia	-	-	-	-	-	-
Florida	5,141	4,402	4,712	35,836	50,356	-28.8
Georgia	20	16	29	346	529	-34.6
Maryland	NM	NM	NM	37	138	-72.9
North Carolina	18	33	24	627	783	-19.9
South Carolina	21	24	9	279	420	-33.5
Virginia	119	882	178	4,495	6,187	-27.4
West Virginia	22	24	NM	252	298	-15.5
East South Central	**52**	**31**	**440**	**653**	**9,818**	**-93.3**
Alabama	11	8	12	175	482	-63.7
Kentucky	18	10	15	165	159	3.9
Mississippi	NM	NM	NM	41	8,391	-99.5
Tennessee	18	11	10	273	787	-65.3
West South Central	**32**	**8**	**147**	**269**	**7,275**	**-96.3**
Arkansas	21	2	104	169	1,004	-83.2
Louisiana	5	NM	28	50	2,704	-98.1
Oklahoma	NM	NM	NM	12	251	-95.2
Texas	NM	NM	NM	38	3,316	-98.9
Mountain	**33**	**34**	**271**	**319**	**3,217**	**-90.1**
Arizona	5	12	6	78	642	-87.9
Colorado	2	2	NM	44	305	-85.7
Idaho	-	-	*	*	7	-
Montana	NM	NM	NM	1	2	-49.9
Nevada	7	3	240	38	2,086	-98.2
New Mexico	8	2	10	35	49	-29.0
Utah	NM	NM	NM	63	80	-21.1
Wyoming	4	8	6	61	47	29.1
Pacific Contiguous	**15**	**9**	**8**	**94**	**1,150**	**-91.8**
California	11	8	8	72	625	-88.4
Oregon	*	*	*	13	171	-92.2
Washington	4	*	*	8	355	-97.7
Pacific Noncontiguous	**1,063**	**1,132**	**1,027**	**9,558**	**9,515**	**0.5**
Alaska	93	NM	67	1,091	1,165	-6.3
Hawaii	969	1,025	960	8,467	8,350	1.4
U.S. Total	**7,626**	**8,700**	**7,889**	**66,199**	**108,947**	**-39.2**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 20. Electric Utility Consumption of Gas by Census Division and State

(Million Cubic Feet)

Census Division and State	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**728**	**842**	**632**	**2,862**	**1,988**	**44.0**
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	506	528	445	2,038	1,676	21.6
New Hampshire	219	311	185	798	206	288.4
Rhode Island	-	-	-	-	-	-
Vermont	3	3	2	26	107	-75.9
Mid Atlantic	**13,271**	**16,527**	**11,275**	**90,535**	**65,950**	**37.3**
New Jersey	63	386	67	1,047	1,181	-11.3
New York	13,207	16,139	11,207	89,479	64,760	38.2
Pennsylvania	NM	NM	NM	9	9	-6.6
East North Central	**8,224**	**9,554**	**4,241**	**61,276**	**48,194**	**27.1**
Illinois	NM	NM	NM	2,956	3,403	-13.1
Indiana	1,690	1,460	271	11,250	5,289	112.7
Michigan	3,342	4,370	2,581	26,257	24,296	8.1
Ohio	1,446	1,986	NM	9,661	4,918	96.4
Wisconsin	1,629	1,416	959	11,151	10,288	8.4
West North Central	**7,637**	**11,735**	**5,453**	**62,449**	**62,431**	*
Iowa	NM	797	455	5,747	4,970	15.6
Kansas	NM	4,206	NM	19,479	20,219	-3.7
Minnesota	892	NM	NM	5,761	4,646	24.0
Missouri	3,192	4,900	2,813	26,015	24,702	5.3
Nebraska	NM	858	NM	4,236	3,547	19.4
North Dakota	-	-	*	1	3	-72.9
South Dakota	148	55	206	1,209	4,345	-72.2
South Atlantic	**53,972**	**65,593**	**44,081**	**424,525**	**270,956**	**56.7**
Delaware	15	51	233	226	400	-43.5
District of Columbia	-	-	-	-	-	-
Florida	46,433	50,307	38,160	351,404	235,544	49.2
Georgia	1,282	2,464	1,848	13,010	11,384	14.3
Maryland	NM	NM	NM	18	3	462.2
North Carolina	2,023	4,512	729	16,865	10,187	65.6
South Carolina	2,295	4,487	62	26,066	1,406	1,753.9
Virginia	1,918	3,766	3,048	16,913	12,005	40.9
West Virginia	3	2	NM	24	28	-14.4
East South Central	**22,960**	**28,956**	**26,410**	**221,779**	**144,043**	**54.0**
Alabama	7,903	9,141	6,765	71,667	47,365	51.3
Kentucky	1,082	1,438	405	7,839	3,470	125.9
Mississippi	13,976	18,362	19,241	142,046	93,161	52.5
Tennessee	*	15	-	226	47	381.7
West South Central	**82,062**	**117,112**	**125,248**	**698,102**	**1,136,292**	**-38.6**
Arkansas	2,030	2,948	1,632	17,028	17,874	-4.7
Louisiana	23,836	30,374	24,075	202,028	189,049	6.9
Oklahoma	16,979	22,231	16,582	130,037	129,681	0.3
Texas	39,218	61,559	82,958	349,010	799,689	-56.4
Mountain	**21,453**	**23,735**	**19,947**	**158,987**	**226,258**	**-29.7**
Arizona	6,803	7,250	7,159	44,182	89,376	-50.6
Colorado	3,962	4,052	3,940	33,492	35,030	-4.4
Idaho	11	32	-	411	-	-
Montana	9	19	3	97	144	-32.4
Nevada	6,545	7,233	4,157	47,030	54,480	-13.7
New Mexico	2,465	3,739	3,250	24,264	32,024	-24.2
Utah	1,483	1,287	1,265	8,210	13,089	-37.3
Wyoming	174	123	173	1,302	2,115	-38.4
Pacific Contiguous	**13,067**	**11,696**	**16,012**	**88,419**	**175,045**	**-49.5**
California	10,607	9,906	9,941	69,819	97,589	-28.5
Oregon	1,554	1,145	3,565	11,353	35,150	-67.7
Washington	906	645	2,507	7,248	42,306	-82.9
Pacific Noncontiguous	**2,604**	**2,494**	**2,374**	**23,084**	**23,575**	**-2.1**
Alaska	2,604	2,494	2,374	23,084	23,575	-2.1
Hawaii	-	-	-	-	-	-
U.S. Total	**225,979**	**288,243**	**255,236**	**1,832,019**	**2,157,066**	**-15.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Fossil-Fuel Stocks at U.S. Electric Utilities

Table 21. U.S. Electric Utility Stocks of Coal and Petroleum, 1990 Through September 2002

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Distillate	Residual	Total	
1990	**6,499**	**142,650**	**7,016**	**156,166**	**16,471**	**67,030**	**83,501**	**94**
1991	**6,513**	**145,367**	**5,996**	**157,876**	**16,357**	**58,636**	**74,993**	**70**
1992	**6,215**	**142,156**	**5,759**	**154,130**	**15,714**	**56,135**	**71,849**	**67**
1993	**5,639**	**98,560**	**7,142**	**111,341**	**15,674**	**46,769**	**62,443**	**89**
1994	**4,879**	**115,325**	**6,693**	**126,897**	**16,644**	**46,342**	**62,986**	**69**
1995	**4,325**	**116,749**	**5,231**	**126,304**	**15,392**	**35,102**	**50,495**	**65**
1996	**3,687**	**105,807**	**5,129**	**114,623**	**15,216**	**32,473**	**47,690**	**91**
1997	**3,021**	**90,905**	**4,900**	**98,826**	**15,456**	**33,336**	**48,792**	**469**
1998	**2,503**	**113,626**	**4,373**	**120,501**	**16,343**	**37,447**	**53,790**	**559**
1999	**548**	**123,975**	**4,518**	**129,041**	**16,549**	**27,763**	**44,312**	**355**
2000								
January	W	119,494	W	123,661	14,655	21,678	36,333	297
February	W	124,667	W	129,055	15,048	22,055	37,103	195
March	W	122,773	W	127,130	14,643	20,966	35,608	171
April	W	124,196	W	128,669	14,698	21,135	35,834	150
May	W	122,432	W	127,090	14,206	20,169	34,375	113
June	W	114,709	W	119,634	14,693	19,133	33,826	87
July	W	106,744	W	111,494	14,579	20,136	34,715	108
August	W	101,314	W	106,201	14,419	18,759	33,178	157
September	W	97,820	W	102,876	13,780	17,265	31,046	199
October	W	99,570	W	104,422	13,932	17,302	31,234	247
November	W	97,664	W	102,227	14,020	18,451	32,470	245
December	W	84,985	W	90,115	12,655	16,915	29,570	186
2001								
January	W	79,984	W	84,825	14,922	15,295	30,217	200
February	W	81,461	W	86,462	15,447	18,074	33,521	156
March	W	89,811	W	94,644	14,704	17,721	32,425	155
April	W	97,847	W	102,626	14,622	17,658	32,280	140
May	W	104,956	W	109,595	14,404	20,932	35,336	130
June	W	103,005	W	107,452	14,957	19,855	34,812	246
July	W	98,357	W	102,664	14,950	21,147	36,097	232
August	W	92,128	W	96,440	14,794	17,831	32,625	200
September	W	94,592	W	98,915	14,848	17,993	32,841	318
October	W	102,935	W	107,745	14,909	18,283	33,192	353
November	W	110,009	W	115,250	15,143	18,873	34,016	341
December	W	112,140	W	117,150	15,312	20,578	35,891	300
2002								
January	W	112,611	W	116,032	12,913	19,623	32,536	326
February	W	114,162	W	117,506	13,006	18,233	31,239	259
March	W	118,324	W	121,482	12,908	15,480	28,388	309
April	W	121,141	W	124,155	12,382	15,865	28,247	339
May	W	123,757	W	126,739	12,339	17,101	29,440	263
June	W	120,635	W	123,590	12,327	17,821	30,147	247
July	W	113,156	W	115,953	12,033	16,110	28,143	171
August	W	109,384	W	112,103	12,047	16,271	28,318	270
September	W	107,111	W	109,795	11,822	13,931	25,752	296

[1] Anthracite includes anthracite silt stored off-site.
[2] Bituminous coal includes subbituminous coal.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total may not equal sum of components because of independent rounding. • Prior to 1993, values represents December end-of-month stocks. For 1993 forward, values represent end-of-month stocks. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 22. Electric Utility Stocks of Coal by NERC Region and Hawaii

(Thousand Short Tons)

NERC Region and Hawaii	September 2002	August 2002	September 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	28,322	28,259	24,184	0.2	17.1
ERCOT	4,485	4,556	6,086	-1.6	-26.3
FRCC	4,122	3,910	3,130	5.4	31.7
MAAC	143	125	176	14.4	-18.8
MAIN	9,365	10,336	9,517	-9.4	-1.6
MAPP (U.S.)	12,585	12,352	10,037	1.9	25.4
NPCC (U.S.)	539	489	461	10.2	16.9
SERC	20,163	21,481	17,270	-6.1	16.7
SPP	17,457	18,101	15,122	-3.6	15.4
WSCC (U.S.)	12,614	12,495	12,931	1.0	-2.4
Contiguous U.S.	**109,795**	**112,103**	**98,915**	**-2.1**	**11.0**
Alaska	-	-	-	-	-
Hawaii	-	-	-	-	-
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**-**
U.S. Total	**109,795**	**112,103**	**98,915**	**-2.1**	**11.0**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • Stocks are end-of-month stocks at electric utilities. • See Glossary for explanation of acronyms. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 23. Electric Utility Stocks of Petroleum by NERC Region and Hawaii

(Thousand Barrels)

NERC Region and Hawaii	September 2002	August 2002	September 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	1,977	2,023	2,599	-2.3	-24.0
ERCOT	1,164	1,166	3,329	-0.2	-65.0
FRCC	6,571	8,244	8,017	-20.3	-18.0
MAAC	212	188	177	12.8	19.3
MAIN	309	317	420	-2.6	-26.4
MAPP (U.S.)	785	803	803	-2.2	-2.3
NPCC (U.S.)	3,119	3,276	3,596	-4.8	-13.3
SERC	4,224	4,855	5,176	-13.0	-18.4
SPP	3,867	3,874	5,006	-0.2	-22.7
WSCC (U.S.)	2,258	2,327	2,389	-3.0	-5.5
Contiguous U.S.	**24,486**	**27,072**	**31,513**	**-9.6**	**-22.3**
Alaska	212	214	237	-1.2	-10.8
Hawaii	1,055	1,031	1,090	2.3	-3.2
Noncontiguous U.S.	**1,267**	**1,245**	**1,327**	**1.7**	**-4.6**
U.S. Total	**25,752**	**28,318**	**32,841**	**-9.1**	**-21.6**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • Stocks are end-of-month stocks at electric utilities. • See glossary for explanation of acronyms. • Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 24. Electric Utility Stocks of Coal by Census Division

(Thousand Short Tons)

Census Division	September 2002	August 2002	September 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	422	364	370	16.0	14.1
Mid Atlantic	1,442	1,342	1,218	7.4	18.4
East North Central	27,955	29,182	26,239	-4.2	6.5
West North Central	21,843	21,722	17,025	0.6	28.3
South Atlantic	21,240	21,467	17,638	-1.1	20.4
East South Central	10,494	11,387	9,451	-7.8	11.0
West South Central	13,182	13,539	13,862	-2.6	-4.9
Mountain	12,932	12,785	12,975	1.1	-0.3
Pacific Contiguous	285	314	303	-9.4	-5.9
Pacific Noncontiguous	-	-	-	-	-
U.S. Total	**109,795**	**112,103**	**98,915**	**-2.1**	**11.0**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • Stocks are end-of-month stocks at electric utilities. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 25. Electric Utility Stocks of Petroleum by Census Division

(Thousand Barrels)

Census Division	September 2002	August 2002	September 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	420	545	712	-23.0	-41.1
Mid Atlantic	2,890	2,895	3,028	-0.2	-4.6
East North Central	1,988	2,036	2,687	-2.3	-26.0
West North Central	2,090	2,068	2,073	1.0	0.8
South Atlantic	10,054	12,325	12,396	-18.4	-18.9
East South Central	1,607	1,647	2,021	-2.4	-20.5
West South Central	3,210	3,259	6,188	-1.5	-48.1
Mountain	1,070	1,165	1,195	-8.2	-10.5
Pacific Contiguous	1,158	1,132	1,175	2.2	-1.5
Pacific Noncontiguous	1,267	1,245	1,327	1.7	-4.6
U.S. Total	**25,752**	**28,318**	**32,841**	**-9.1**	**-21.6**

Notes: • Values for 2002 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • Stocks are end-of-month stocks at electric utilities. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Receipts and Cost of Fossil Fuels at U.S. Electric Utilities

Table 26. U.S. Electric Utility Receipts of and Average Cost for Fossil Fuels, 1990 Through August 2002

Period	Coal[1]		Petroleum				Gas		All Fossil Fuels[2]
			Heavy Oil[3]		Total				
	Receipts (thousand short tons)	Cost (cents/ 10^6 Btu)	Receipts (thousand barrels)	Cost (cents/ 10^6 Btu)	Receipts (thousand barrels)	Cost (cents/ 10^6 Btu)	Receipts (thousand Mcf)	Cost (cents/ 10^6 Btu)	Cost (cents/ 10^6 Btu)
1990	**786,627**	**145.5**	**202,281**	**331.9**	**209,350**	**338.4**	**2,490,979**	**232.1**	**168.9**
1991	**769,923**	**144.7**	**163,106**	**246.5**	**169,625**	**254.8**	**2,630,818**	**215.3**	**160.3**
1992	**775,963**	**141.2**	**138,537**	**247.5**	**144,390**	**255.1**	**2,637,678**	**232.8**	**159.0**
1993	**769,152**	**138.5**	**141,719**	**236.2**	**147,902**	**243.3**	**2,574,523**	**256.0**	**159.5**
1994	**831,929**	**135.5**	**135,184**	**240.9**	**142,940**	**248.8**	**2,863,904**	**223.0**	**152.6**
1995	**826,860**	**131.8**	**78,216**	**258.6**	**84,292**	**267.9**	**3,023,327**	**198.4**	**145.3**
1996	**862,701**	**128.9**	**98,926**	**303.4**	**106,629**	**315.7**	**2,604,663**	**264.1**	**151.9**
1997	**880,588**	**127.3**	**110,906**	**278.8**	**117,789**	**288.0**	**2,764,734**	**276.0**	**152.2**
1998	**929,448**	**125.2**	**156,852**	**207.9**	**165,191**	**213.6**	**2,922,957**	**238.1**	**143.8**
1999	**908,232**	**121.6**	**123,219**	**243.6**	**131,407**	**252.7**	**2,809,455**	**257.4**	**144.1**
2000									
January	69,471	119.9	2,668	353.6	3,035	378.4	170,117	270.9	139.4
February	67,199	121.2	3,846	391.7	4,271	419.6	151,152	290.2	143.2
March	69,703	121.2	3,764	385.8	4,066	402.7	191,465	293.0	146.0
April	63,890	121.6	4,961	379.6	5,258	389.5	199,696	315.8	153.0
May	67,779	120.4	7,708	409.7	8,331	422.8	268,772	354.9	167.2
June	65,615	121.1	10,034	435.4	10,650	444.4	270,015	445.9	187.2
July	68,217	119.3	11,397	431.0	12,027	439.8	323,950	434.0	191.6
August	69,160	118.5	10,992	418.0	11,412	426.5	332,154	429.4	189.2
September	64,642	117.6	9,696	454.9	10,168	466.9	240,233	486.7	187.8
October	61,904	121.7	8,944	475.9	9,355	487.2	177,839	530.3	185.9
November	61,175	119.1	8,184	462.8	8,676	477.8	147,630	539.5	177.1
December	61,520	118.7	10,454	431.0	12,607	471.8	156,963	840.9	217.4
Total	**790,274**	**120.0**	**92,648**	**429.4**	**99,855**	**445.0**	**2,629,986**	**430.2**	**173.8**
2001[4]									
January	67,470	122.3	13,773	421.7	17,254	471.4	134,549	920.7	214.5
February	57,397	123.9	9,166	442.2	9,799	455.8	114,039	694.7	189.3
March	64,359	122.6	8,685	402.3	9,635	419.6	141,653	573.8	178.5
April	60,277	123.9	9,422	388.4	10,152	404.7	178,222	563.7	192.2
May	68,369	124.5	12,171	376.7	12,897	389.6	203,724	514.1	186.5
June	63,667	124.8	10,717	380.1	11,240	391.2	212,536	425.1	178.7
July	65,920	122.5	10,872	359.7	11,282	367.0	282,929	374.3	176.6
August	67,986	123.3	8,546	347.7	8,965	359.0	277,039	355.8	169.9
September	57,998	123.4	6,612	341.3	7,017	358.1	207,491	295.5	156.8
October	64,442	121.0	4,503	309.0	4,838	325.6	165,688	271.5	142.4
November	59,551	123.7	5,728	280.0	6,121	291.5	111,201	324.1	145.3
December	65,380	122.0	4,853	274.5	5,321	286.3	123,295	307.6	141.9
Total	**762,815**	**123.1**	**105,048**	**372.4**	**114,523**	**392.0**	**2,152,366**	**448.6**	**173.3**
2002[4]									
January	60,026	121.9	3,649	266.4	3,981	279.7	98,478	321.2	139.9
February	56,544	124.0	1,920	251.6	2,219	274.8	97,866	297.0	139.3
March	57,216	121.1	3,221	290.7	3,554	309.3	118,372	343.2	144.8
April	51,499	121.1	5,894	353.2	6,256	363.0	120,934	379.8	155.6
May	51,574	121.4	6,317	359.4	6,696	368.6	130,691	378.3	158.2
June	51,965	121.6	6,210	362.8	6,561	370.4	165,341	357.9	161.6
July	60,607	120.8	4,730	349.3	5,091	361.2	205,575	343.6	158.0
August	61,386	123.4	6,681	383.6	6,934	389.3	205,148	338.4	161.2
Total	**450,817**	**121.9**	**38,622**	**342.1**	**41,290**	**352.0**	**1,142,405**	**346.6**	**152.5**
Year to Date									
2002[4]	**450,817**	**121.9**	**38,622**	**342.1**	**41,290**	**352.0**	**1,142,405**	**346.6**	**152.5**
2001[4]	**515,444**	**123.5**	**83,352**	**390.5**	**91,225**	**411.2**	**1,544,691**	**508.1**	**185.6**
2000	**541,034**	**120.4**	**55,370**	**412.1**	**59,050**	**424.0**	**1,907,321**	**371.3**	**165.6**

[1] Includes lignite, bituminous coal, subbituminous coal, and anthracite.
[2] The weighed average for all fossil fuels includes both heavy oil and light oil (Fuel Oil No.2, Kerosene, and jet fuel) prices. Data do not include petroleum coke.
[3] Heavy Oil includes Fuel Oil Nos. 4, 5, and 6, and topped crude fuel oil.
[4] Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal sum of components because of independent rounding. • As of 1991, data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 1990 are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. • Mcf=thousand cubic feet. • Monetary values are expressed in nominal terms. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." and predecessor forms.

Table 27. Electric Utility Receipts of Coal by NERC Region and Hawaii
(Thousand Short Tons)

NERC Region and Hawaii	August 2002[1]	July 2002[1]	August 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	12,984	13,098	14,484	97,316	118,622	-18.0
ERCOT	1,698	1,922	6,404	13,828	48,590	-71.5
FRCC	1,745	1,789	2,037	12,103	15,108	-19.9
MAAC	75	12	4	298	251	18.7
MAIN	4,653	4,592	5,231	36,234	38,934	-6.9
MAPP (U.S.)	7,285	7,580	7,546	54,811	53,139	3.1
NPCC (U.S.)	301	158	177	1,445	1,655	-12.7
SERC	15,307	13,897	15,327	106,516	106,533	*
SPP	8,145	8,234	8,704	63,962	64,251	-0.4
WSCC (U.S.)	9,193	9,325	8,072	64,303	68,361	-5.9
Contiguous U.S.	**61,386**	**60,607**	**67,986**	**450,817**	**515,444**	**-12.5**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	-	-	-	-	-	-
U.S. Total	**61,386**	**60,607**	**67,986**	**450,817**	**515,444**	**-12.5**

[1] Data for 2002 and 2001 are preliminary.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Includes lignite, bituminous coal, subbituminous coal, and anthracite. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 28. Average Cost of Coal Delivered to Electric Utilities by NERC Region and Hawaii
(Cents/Million Btu)

NERC Region and Hawaii	August 2002[1]	July 2002[1]	August 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	123.6	121.8	121.2	122.3	122.1	0.2
ERCOT	115.6	117.3	124.2	117.1	129.4	-9.5
FRCC	179.1	181.6	180.3	173.3	171.2	1.2
MAAC	235.4	244.6	187.0	236.9	163.4	45.0
MAIN	103.2	105.4	109.5	105.5	107.2	-1.6
MAPP (U.S.)	86.7	87.4	79.9	86.7	82.2	5.5
NPCC (U.S.)	177.9	196.2	164.2	177.9	152.5	16.6
SERC	150.9	144.8	150.1	149.8	149.1	0.4
SPP	98.8	97.3	103.4	99.8	107.1	-6.8
WSCC (U.S.)	104.9	108.3	108.4	105.2	109.7	-4.1
Contiguous U.S.	**123.4**	**120.8**	**123.3**	**121.9**	**123.5**	**-1.2**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	-	-	-	-	-	-
U.S. Average	**123.4**	**120.8**	**123.3**	**121.9**	**123.5**	**-1.2**

[1] Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Includes lignite, bituminous coal, subbituminous coal, and anthracite. • Monetary values are expressed in nominal terms. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 29. Electric Utility Receipts of Petroleum by NERC Region and Hawaii
(Thousand Barrels)

NERC Region and Hawaii	August 2002[1]	July 2002[1]	August 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	170	208	419	1,406	2,687	-47.7
ERCOT	-	-	-	-	1,880	NM
FRCC	4,425	2,920	5,188	26,965	43,493	-38.0
MAAC	117	49	68	504	1,109	-54.6
MAIN	22	14	27	156	281	-44.4
MAPP (U.S.)	23	8	37	125	211	-40.8
NPCC (U.S.)	1,173	776	521	7,157	12,532	-42.9
SERC	912	1,051	572	4,146	6,484	-36.1
SPP	69	42	1,215	622	11,757	-94.7
WSCC (U.S.)	23	22	37	209	1,309	-84.0
Contiguous U.S.	**6,934**	**5,091**	**8,084**	**41,290**	**81,743**	**-49.5**
Alaska	-	-	-	-	-	-
Hawaii	-	-	881	-	9,482	NM
Noncontiguous U.S.	**-**	**-**	**881**	**-**	**9,482**	**-100.0**
U.S. Total	**6,934**	**5,091**	**8,965**	**41,290**	**91,225**	**-54.7**

[1] Data for 2002 and 2001 are preliminary.
NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.
Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.
Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Average Cost of Petroleum Delivered to Electric Utilities by NERC Region and Hawaii
(Cents/Million Btu)

NERC Region and Hawaii	August 2002[1]	July 2002[1]	August 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	394.6	427.9	433.4	360.5	501.9	-28.2
ERCOT	-	-	-	-	679.4	NM
FRCC	382.1	356.5	339.4	348.3	375.5	-7.3
MAAC	601.2	424.0	352.7	453.6	384.3	18.0
MAIN	601.3	555.9	602.9	478.1	595.5	-19.7
MAPP (U.S.)	588.2	547.6	634.3	521.8	649.5	-19.7
NPCC (U.S.)	373.9	325.3	325.7	333.1	370.0	-10.0
SERC	411.0	378.4	391.8	384.3	417.2	-7.9
SPP	285.4	352.7	275.1	306.4	419.8	-27.0
WSCC (U.S.)	597.0	565.7	631.6	536.2	698.7	-23.3
Contiguous U.S.	**389.3**	**361.2**	**340.3**	**352.0**	**401.2**	**-12.3**
Alaska	-	-	-	-	-	-
Hawaii	-	-	533.4	-	497.8	NM
Noncontiguous U.S.	**-**	**-**	**533.4**	**-**	**497.8**	**NM**
U.S. Average	**389.3**	**361.2**	**359.0**	**352.0**	**411.2**	**-14.4**

[1] Data for 2002 and 2001 are preliminary.
NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.
Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Monetary values are expressed in nominal terms. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.
Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Electric Utility Receipts of Gas by NERC Region and Hawaii
(Million Cubic Feet)

NERC Region and Hawaii	August 2002[1]	July 2002[1]	August 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	2,639	3,365	4,782	17,597	17,786	-1.1
ERCOT	9,070	7,271	103,860	33,419	538,210	-93.8
FRCC	40,861	39,147	26,211	241,464	146,690	64.6
MAAC	63	111	91	222	293	-24.3
MAIN	479	676	1,262	5,922	4,730	25.2
MAPP (U.S.)	817	1,598	736	5,337	4,214	26.6
NPCC (U.S.)	11,731	11,393	14,621	57,937	52,783	9.8
SERC	18,219	16,383	8,807	101,969	40,312	153.0
SPP	90,455	94,206	89,920	501,406	478,460	4.8
WSCC (U.S.)	29,691	30,318	26,138	167,492	254,279	-34.1
Contiguous U.S.	**204,025**	**204,469**	**276,429**	**1,132,765**	**1,537,758**	**-26.3**
Alaska	1,123	1,107	610	9,640	6,933	39.1
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**1,123**	**1,107**	**610**	**9,640**	**6,933**	**39.1**
U.S. Total	**205,148**	**205,575**	**277,039**	**1,142,405**	**1,544,691**	**-26.0**

[1] Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal the some of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 32. Average Cost of Gas Delivered to Electric Utilities by NERC Region and Hawaii
(Cents/Million Btu)

NERC Region and Hawaii	August 2002[1]	July 2002[1]	August 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	322.9	339.5	358.6	339.7	449.3	-24.4
ERCOT	307.7	329.1	339.9	315.7	461.4	-31.6
FRCC	378.8	385.9	421.7	378.4	552.0	-31.4
MAAC	390.3	310.6	387.5	342.0	616.7	-44.5
MAIN	325.4	333.0	385.4	344.7	490.0	-29.7
MAPP (U.S.)	361.6	338.2	373.4	354.0	524.6	-32.5
NPCC (U.S.)	370.5	375.9	364.3	358.0	488.5	-26.7
SERC	350.6	341.6	373.5	333.6	492.5	-32.3
SPP	317.7	330.8	324.6	323.8	476.6	-32.1
WSCC (U.S.)	340.3	326.7	448.2	385.1	659.1	-41.6
Contiguous U.S.	**339.1**	**344.3**	**356.0**	**347.4**	**509.3**	**-31.8**
Alaska	211.6	211.6	275.6	251.4	238.7	5.3
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**211.6**	**211.6**	**275.6**	**251.4**	**238.7**	**5.3**
U.S. Average	**338.4**	**343.6**	**355.8**	**346.6**	**508.1**	**-31.8**

[1] Data for 2002 and 2001 are preliminary.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Monetary values are expressed in monetary terms. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 33. Electric Utility Receipts of Coal by Type, Census Division, and State, August 2002

Census Division and State	Anthracite		Bituminous		Subbituminous		Lignite		Total	
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)
New England	**-**	**-**	**206**	**5,403**	**-**	**-**	**-**	**-**	**206**	**5,403**
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	53	1,385	-	-	-	-	53	1,385
New Hampshire	-	-	154	4,018	-	-	-	-	154	4,018
Rode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**255**	**6,612**	**-**	**-**	**-**	**-**	**255**	**6,612**
New Jersey	-	-	75	1,952	-	-	-	-	75	1,952
New York	-	-	95	2,491	-	-	-	-	95	2,491
Pennsylvania	-	-	85	2,169	-	-	-	-	85	2,169
East North Central	**-**	**-**	**5,703**	**137,694**	**5,724**	**101,809**	**-**	**-**	**11,427**	**239,504**
Illinois	-	-	280	5,794	434	7,577	-	-	714	13,372
Indiana	-	-	1,583	36,832	1,280	22,646	-	-	2,863	59,478
Michigan	-	-	1,006	25,464	2,152	39,284	-	-	3,158	64,749
Ohio	-	-	2,557	62,981	-	-	-	-	2,557	62,981
Wisconsin	-	-	276	6,623	1,859	32,301	-	-	2,135	38,924
West North Central	**-**	**-**	**259**	**5,836**	**9,526**	**165,448**	**2,238**	**29,168**	**12,023**	**200,451**
Iowa	-	-	60	1,324	1,809	30,988	-	-	1,869	32,313
Kansas	-	-	33	697	1,538	26,378	-	-	1,571	27,075
Minnesota	-	-	-	-	1,446	25,670	-	-	1,446	25,670
Missouri	-	-	166	3,814	3,320	58,123	-	-	3,486	61,936
Nebraska	-	-	-	-	1,162	20,086	-	-	1,162	20,086
North Dakota	-	-	-	-	81	1,299	2,238	29,168	2,319	30,468
South Dakota	-	-	-	-	170	2,904	-	-	170	2,904
South Atlantic	**-**	**-**	**11,675**	**290,677**	**889**	**15,524**	**-**	**-**	**12,564**	**306,201**
Delaware	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	1,923	47,311	61	1,075	-	-	1,984	48,386
Georgia	-	-	2,424	60,117	714	12,464	-	-	3,138	72,581
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	2,695	67,286	-	-	-	-	2,695	67,286
South Carolina	-	-	1,315	33,597	-	-	-	-	1,315	33,597
Virginia	-	-	858	22,021	-	-	-	-	858	22,021
West Virginia	-	-	2,458	60,345	114	1,984	-	-	2,573	62,330
East South Central	**-**	**-**	**7,310**	**173,724**	**1,749**	**30,709**	**-**	**-**	**9,059**	**204,433**
Alabama	-	-	1,768	42,016	1,104	19,358	-	-	2,872	61,374
Kentucky	-	-	2,804	65,623	170	3,000	-	-	2,974	68,623
Mississippi	-	-	555	12,951	-	-	-	-	555	12,951
Tennessee	-	-	2,183	53,135	474	8,351	-	-	2,657	61,486
West South Central	**-**	**-**	**12**	**300**	**5,746**	**100,020**	**900**	**12,147**	**6,659**	**112,467**
Arkansas	-	-	-	-	1,155	20,158	-	-	1,155	20,158
Louisiana	-	-	-	-	364	6,378	346	4,733	710	11,111
Oklahoma	-	-	12	300	1,718	29,846	-	-	1,730	30,146
Texas	-	-	-	-	2,509	43,638	554	7,414	3,063	51,052
Mountain	**-**	**-**	**3,460**	**76,337**	**5,559**	**99,515**	**24**	**325**	**9,043**	**176,178**
Arizona	-	-	719	15,624	1,022	19,423	-	-	1,741	35,046
Colorado	-	-	533	11,684	1,191	22,082	-	-	1,724	33,765
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	642	11,006	24	325	667	11,331
Nevada	-	-	711	16,180	-	-	-	-	711	16,180
New Mexico	-	-	-	-	820	14,622	-	-	820	14,622
Utah	-	-	1,233	27,527	-	-	-	-	1,233	27,527
Wyoming	-	-	264	5,323	1,884	32,383	-	-	2,148	37,706
Pacific Contiguous	**-**	**-**	**-**	**-**	**150**	**2,593**	**-**	**-**	**150**	**2,593**
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	150	2,593	-	-	150	2,593
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	**-**	**-**	**28,880**	**696,583**	**29,343**	**515,619**	**3,163**	**41,641**	**61,386**	**1,253,842**

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 34. Receipts and Average Cost of Coal Delivered to Electric Utilities by Census Division and State

Census Division and State	August 2002 Receipts		August 2001 Receipts		Year to Date			
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
					2002	2001	2002	2001
New England	**206**	**5,403**	**129**	**3,384**	**27,348**	**30,556**	**186.1**	**159.9**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	53	1,385	-	-	2,297	-	226.1	-
New Hampshire	154	4,018	129	3,384	25,051	30,556	182.4	159.9
Rode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	**255**	**6,612**	**130**	**3,342**	**34,614**	**29,940**	**157.4**	**128.7**
New Jersey	75	1,952	4	112	7,767	499	236.9	187.0
New York	95	2,491	48	1,246	10,711	12,573	157.2	134.6
Pennsylvania	85	2,169	78	1,984	16,136	16,868	119.2	122.7
East North Central	**11,427**	**239,504**	**14,066**	**293,835**	**1,928,470**	**2,357,799**	**119.8**	**121.3**
Illinois	714	13,372	1,523	29,621	181,303	213,226	117.7	118.6
Indiana	2,863	59,478	3,516	72,353	558,412	735,604	115.4	112.4
Michigan	3,158	64,749	3,013	61,379	416,292	451,560	133.3	127.3
Ohio	2,557	62,981	3,949	93,077	500,819	681,576	119.2	134.8
Wisconsin	2,135	38,924	2,064	37,405	271,644	275,832	110.7	103.5
West North Central	**12,023**	**200,451**	**12,368**	**207,963**	**1,531,164**	**1,544,069**	**88.2**	**88.7**
Iowa	1,869	32,313	2,059	35,924	247,184	245,215	86.9	79.6
Kansas	1,571	27,075	1,881	33,137	230,475	246,314	98.8	101.6
Minnesota	1,446	25,670	1,558	27,904	215,761	208,443	105.2	103.2
Missouri	3,486	61,936	3,209	57,292	451,775	467,052	89.4	95.9
Nebraska	1,162	20,086	1,145	19,819	143,478	144,518	57.9	57.0
North Dakota	2,319	30,468	2,404	31,976	218,844	208,030	74.3	74.0
South Dakota	170	2,904	113	1,911	23,647	24,496	130.5	103.2
South Atlantic	**12,564**	**306,201**	**12,254**	**296,944**	**2,070,942**	**2,300,359**	**159.3**	**155.9**
Delaware	-	-	-	-	-	602	-	216.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,984	48,386	2,326	56,252	338,526	427,462	171.7	169.4
Georgia	3,138	72,581	2,755	64,407	501,495	559,031	167.7	166.7
Maryland	-	-	-	-	-	-	-	-
North Carolina	2,695	67,286	2,507	61,312	392,068	443,660	173.5	158.5
South Carolina	1,315	33,597	1,341	33,711	249,786	254,379	158.4	152.5
Virginia	858	22,021	1,090	27,435	192,929	210,676	161.1	157.8
West Virginia	2,573	62,330	2,236	53,828	396,137	404,548	123.7	124.8
East South Central	**9,059**	**204,433**	**9,380**	**212,903**	**1,456,520**	**1,384,335**	**128.0**	**125.6**
Alabama	2,872	61,374	3,007	65,594	405,136	414,602	142.1	142.0
Kentucky	2,974	68,623	3,159	72,454	507,130	531,923	118.0	109.6
Mississippi	555	12,951	476	11,203	82,712	96,646	164.6	165.6
Tennessee	2,657	61,486	2,739	63,652	461,541	341,164	120.0	119.3
West South Central	**6,659**	**112,467**	**11,587**	**182,827**	**860,457**	**1,350,283**	**107.7**	**122.4**
Arkansas	1,155	20,158	1,461	25,454	151,362	174,076	66.8	101.7
Louisiana	710	11,111	723	11,072	81,855	83,703	130.6	129.2
Oklahoma	1,730	30,146	1,513	26,278	231,826	194,737	93.8	90.5
Texas	3,063	51,052	7,890	120,023	395,414	897,766	126.7	132.8
Mountain	**9,043**	**176,178**	**7,873**	**158,047**	**1,237,090**	**1,325,191**	**104.6**	**109.7**
Arizona	1,741	35,046	1,500	30,880	227,926	266,917	127.4	125.4
Colorado	1,724	33,765	1,816	35,919	251,633	235,474	95.0	92.5
Idaho	-	-	-	-	-	-	-	-
Montana	667	11,331	26	339	67,336	2,759	62.6	95.6
Nevada	711	16,180	596	13,300	96,124	120,299	132.5	128.5
New Mexico	820	14,622	566	10,892	109,513	157,840	154.9	150.4
Utah	1,233	27,527	1,266	29,231	214,409	232,515	98.5	113.0
Wyoming	2,148	37,706	2,104	37,486	270,148	309,387	79.5	78.8
Pacific Contiguous	**150**	**2,593**	**199**	**3,454**	**21,708**	**28,362**	**134.1**	**108.4**
California	-	-	-	-	-	-	-	-
Oregon	150	2,593	199	3,454	21,708	28,362	134.1	108.4
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**61,386**	**1,253,842**	**67,986**	**1,362,699**	**9,168,312**	**10,350,894**	**121.9**	**123.5**

[1] Monetary values are expressed in nominal terms.

Notes: • Data for 2002 and 2001 are preliminary. • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data. • See footnotes 3 through 6 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 35. Receipts and Average Cost of Coal Delivered to Electric Utilities by Type of Purchase, Mining Method, Census Division, and State, August 2002

Census Division and State	Type of Purchase						Type of Mining					
	Contract			Spot			Strip and Auger			Underground		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)
New England	**105**	**210.1**	**54.98**	**101**	**170.0**	**44.53**	**-**	**-**	**-**	**206**	**190.4**	**49.86**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	53	226.6	59.42	-	-	-	-	-	-	53	226.6	59.42
New Hampshire	53	193.4	50.52	101	170.0	44.53	-	-	-	154	178.0	46.58
Rode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**218**	**163.6**	**42.64**	**37**	**179.6**	**45.51**	**20**	**168.2**	**42.23**	**235**	**165.7**	**43.12**
New Jersey	60	243.6	63.84	15	201.9	51.43	-	-	-	75	235.4	61.36
New York	76	146.1	38.74	19	169.5	42.82	19	169.5	42.82	76	146.1	38.74
Pennsylvania	83	120.7	30.81	2	121.0	30.28	0	55.9	9.50	85	120.9	30.88
East North Central	**9,629**	**119.3**	**24.63**	**1,797**	**122.1**	**27.62**	**8,605**	**115.5**	**22.70**	**2,822**	**129.9**	**32.40**
Illinois	675	107.4	20.09	39	83.3	15.95	498	92.1	16.45	216	133.6	27.71
Indiana	2,318	112.0	23.24	545	123.8	25.86	2,416	109.6	21.96	447	134.7	33.37
Michigan	2,805	134.6	27.30	353	131.1	29.20	2,498	125.0	23.95	660	160.5	40.99
Ohio	1,751	116.6	29.03	806	116.9	28.15	1,267	125.4	29.77	1,290	108.8	27.75
Wisconsin	2,080	112.3	20.33	55	152.6	35.43	1,926	108.0	18.98	209	151.7	36.75
West North Central	**10,558**	**86.1**	**14.21**	**1,465**	**97.6**	**17.48**	**11,870**	**86.7**	**14.37**	**154**	**138.1**	**32.47**
Iowa	1,818	87.6	15.09	51	114.4	22.13	1,837	87.1	14.98	32	148.7	33.03
Kansas	1,480	98.6	17.01	91	74.8	12.70	1,571	97.2	16.76	-	-	-
Minnesota	1,058	101.2	17.93	388	118.1	21.10	1,446	105.8	18.78	-	-	-
Missouri	2,666	89.4	15.80	820	93.3	16.85	3,364	88.1	15.46	122	135.6	32.32
Nebraska	1,047	57.8	10.00	115	67.2	11.47	1,162	58.7	10.14	-	-	-
North Dakota	2,319	72.4	9.51	-	-	-	2,319	72.4	9.51	-	-	-
South Dakota	170	130.5	22.29	-	-	-	170	130.5	22.29	-	-	-
South Atlantic	**9,368**	**162.6**	**40.43**	**3,195**	**155.0**	**35.49**	**5,810**	**160.6**	**37.95**	**6,754**	**160.9**	**40.23**
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,482	178.6	43.97	503	171.7	40.66	639	173.3	41.21	1,345	178.5	44.04
Georgia	2,101	166.9	41.67	1,038	166.6	32.34	2,131	166.1	37.08	1,007	168.2	41.75
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	2,400	177.6	44.28	295	174.7	44.03	1,475	173.4	43.29	1,221	182.0	45.42
South Carolina	858	158.6	40.76	457	155.5	39.34	192	158.3	40.30	1,123	157.4	40.26
Virginia	671	158.2	40.53	187	157.1	40.48	167	156.7	40.43	692	158.3	40.54
West Virginia	1,857	128.1	31.05	716	120.5	29.15	1,207	129.2	30.50	1,366	123.3	30.54
East South Central	**8,376**	**128.9**	**28.91**	**683**	**132.2**	**32.16**	**4,996**	**128.0**	**27.59**	**4,063**	**130.5**	**31.07**
Alabama	2,843	140.4	29.98	29	134.9	31.02	2,018	132.9	26.86	854	155.1	37.38
Kentucky	2,415	121.0	27.60	559	127.0	30.78	1,868	125.5	28.92	1,106	116.6	26.97
Mississippi	461	165.2	37.89	95	161.5	40.63	248	153.1	36.37	307	174.1	39.96
Tennessee	2,657	118.4	27.40	-	-	-	862	114.8	23.90	1,795	119.9	29.08
West South Central	**5,152**	**116.5**	**19.45**	**1,507**	**71.9**	**12.60**	**6,647**	**106.0**	**17.88**	**12**	**113.4**	**27.68**
Arkansas	52	190.2	32.51	1,103	54.3	9.49	1,155	60.3	10.52	-	-	-
Louisiana	710	129.3	20.23	-	-	-	710	129.3	20.23	-	-	-
Oklahoma	1,521	95.7	16.63	209	105.1	18.71	1,718	96.7	16.81	12	113.4	27.68
Texas	2,869	123.6	20.52	195	134.8	23.70	3,063	124.3	20.72	-	-	-
Mountain	**8,349**	**103.1**	**19.98**	**694**	**121.6**	**25.00**	**7,164**	**102.9**	**19.20**	**1,879**	**109.7**	**24.82**
Arizona	1,349	122.6	24.91	392	155.7	30.34	1,709	129.3	25.97	32	155.5	35.10
Colorado	1,571	94.1	18.30	153	92.0	19.36	1,398	90.8	17.18	326	104.9	23.58
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	667	64.5	10.96	-	-	-	667	64.5	10.96	-	-	-
Nevada	711	139.7	31.79	-	-	-	423	142.9	31.30	288	135.4	32.50
New Mexico	820	120.2	21.45	-	-	-	820	120.2	21.45	-	-	-
Utah	1,130	105.9	23.31	103	80.0	20.60	-	-	-	1,233	103.4	23.09
Wyoming	2,102	83.0	14.59	46	49.1	8.08	2,148	82.3	14.45	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**150**	**131.2**	**22.69**	**150**	**131.2**	**22.69**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	150	131.2	22.69	150	131.2	22.69	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**51,756**	**122.8**	**24.93**	**9,629**	**126.0**	**26.64**	**45,260**	**114.6**	**21.76**	**16,125**	**142.6**	**34.84**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data. • See footnotes 3 through 6 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 36. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, August 2002

Census Division and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)
New England	**-**	**-**	**-**	**130**	**193.2**	**50.77**	**14**	**146.3**	**37.05**
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	53	226.6	59.42	-	-	-
New Hampshire	-	-	-	78	170.4	44.88	14	146.3	37.05
Rode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**-**	**21**	**215.4**	**54.91**	**2**	**174.3**	**42.84**
New Jersey	-	-	-	21	215.4	54.91	-	-	-
New York	-	-	-	-	-	-	2	187.6	48.51
Pennsylvania	-	-	-	-	-	-	0	55.9	9.50
East North Central	**5,596**	**110.9**	**19.76**	**1,770**	**143.2**	**34.80**	**855**	**138.2**	**33.61**
Illinois	434	92.6	16.18	-	-	-	2	43.9	6.81
Indiana	1,280	113.8	20.14	313	145.4	37.02	269	112.2	25.42
Michigan	1,989	116.6	21.31	679	155.7	36.11	307	165.5	42.43
Ohio	-	-	-	696	128.7	32.02	153	118.2	29.27
Wisconsin	1,894	107.0	18.70	81	162.0	39.09	124	146.0	35.38
West North Central	**8,761**	**88.4**	**15.37**	**2,868**	**81.3**	**11.62**	**294**	**95.6**	**15.74**
Iowa	1,767	87.7	15.09	82	84.1	14.71	5	171.3	42.65
Kansas	1,538	96.5	16.55	-	-	-	-	-	-
Minnesota	755	111.3	20.05	691	99.6	17.40	-	-	-
Missouri	3,288	87.9	15.41	78	97.7	17.63	68	135.9	32.83
Nebraska	1,162	58.7	10.14	-	-	-	-	-	-
North Dakota	81	88.1	14.17	2,017	71.8	9.29	221	70.7	9.83
South Dakota	170	130.5	22.29	-	-	-	-	-	-
South Atlantic	**990**	**168.3**	**30.69**	**6,419**	**164.7**	**40.85**	**3,375**	**159.7**	**40.27**
Delaware	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	61	138.1	24.41	602	189.9	46.84	627	178.6	44.58
Georgia	714	170.0	29.68	1,686	167.1	41.26	637	163.2	40.78
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	101	198.5	49.90	2,026	178.6	44.53	568	168.6	42.26
South Carolina	-	-	-	276	170.4	43.63	923	153.4	39.22
Virginia	-	-	-	392	158.2	40.46	290	159.7	41.06
West Virginia	114	134.6	23.35	1,438	132.0	32.25	330	120.0	29.92
East South Central	**1,984**	**118.5**	**21.56**	**3,145**	**144.0**	**34.86**	**1,022**	**145.7**	**35.13**
Alabama	1,167	118.7	21.15	711	162.0	38.83	659	151.4	36.15
Kentucky	170	130.3	22.97	939	139.2	34.01	217	131.1	31.89
Mississippi	160	149.0	34.27	321	174.5	40.24	75	155.4	39.01
Tennessee	487	100.8	17.85	1,174	129.3	31.66	71	128.4	31.50
West South Central	**5,746**	**102.8**	**17.89**	**538**	**141.4**	**19.79**	**-**	**-**	**-**
Arkansas	1,155	60.3	10.52	-	-	-	-	-	-
Louisiana	364	122.6	21.46	346	138.3	18.93	-	-	-
Oklahoma	1,718	96.7	16.81	12	113.4	27.68	-	-	-
Texas	2,509	123.6	21.50	180	150.5	20.92	-	-	-
Mountain	**4,018**	**103.2**	**19.83**	**4,571**	**106.5**	**20.72**	**454**	**97.5**	**21.70**
Arizona	466	155.3	30.68	1,275	120.8	24.48	-	-	-
Colorado	1,210	90.0	16.90	478	102.2	21.98	35	96.7	20.90
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	667	64.5	10.96	-	-	-
Nevada	575	142.3	31.93	136	129.2	31.17	-	-	-
New Mexico	-	-	-	820	120.2	21.45	-	-	-
Utah	525	122.6	26.32	553	93.2	20.61	155	80.6	20.92
Wyoming	1,242	60.4	10.25	642	109.9	19.37	264	110.4	22.26
Pacific Contiguous	**150**	**131.2**	**22.69**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-
Oregon	150	131.2	22.69	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	**27,246**	**103.8**	**18.51**	**19,462**	**138.1**	**29.80**	**6,016**	**147.8**	**35.84**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 36. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, August 2002 (Continued)

Census Division and State	More than 1.5% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]			
	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(cents/ 10^6 Btu)	($/ short ton)
New England	**53**	**193.4**	**50.52**	**10**	**198.0**	**52.21**	**-**	**-**	**-**	**190.4**	**49.86**
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	226.6	59.42
New Hampshire	53	193.4	50.52	10	198.0	52.21	-	-	-	178.0	46.58
Rode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**24**	**156.6**	**39.11**	**208**	**162.0**	**42.32**	**-**	**-**	**-**	**165.9**	**43.05**
New Jersey	-	-	-	54	242.9	63.84	-	-	-	235.4	61.36
New York	14	183.3	46.57	78	144.0	38.06	-	-	-	150.7	39.58
Pennsylvania	9	114.5	27.81	75	121.6	31.27	-	-	-	120.7	30.80
East North Central	**496**	**122.0**	**30.27**	**1,379**	**116.0**	**27.30**	**1,331**	**106.2**	**24.95**	**119.7**	**25.10**
Illinois	21	54.9	9.66	39	83.3	15.95	218	136.1	28.98	106.0	19.86
Indiana	107	109.1	24.85	555	106.3	24.55	338	99.3	22.01	114.2	23.74
Michigan	134	152.7	40.04	44	119.9	31.30	6	181.7	41.35	134.2	27.52
Ohio	197	107.6	27.88	742	124.1	29.72	768	101.1	24.98	116.7	28.75
Wisconsin	37	147.7	35.09	-	-	-	-	-	-	113.6	20.72
West North Central	**-**	**-**	**-**	**64**	**136.7**	**31.69**	**36**	**127.9**	**27.21**	**87.6**	**14.61**
Iowa	-	-	-	14	139.9	31.41	1	144.7	37.26	88.4	15.28
Kansas	-	-	-	-	-	-	33	125.4	26.35	97.2	16.76
Minnesota	-	-	-	-	-	-	-	-	-	105.8	18.78
Missouri	-	-	-	50	135.9	31.77	2	155.7	35.55	90.3	16.05
Nebraska	-	-	-	-	-	-	-	-	-	58.7	10.14
North Dakota	-	-	-	-	-	-	-	-	-	72.4	9.51
South Dakota	-	-	-	-	-	-	-	-	-	130.5	22.29
South Atlantic	**905**	**134.7**	**33.65**	**349**	**168.4**	**40.05**	**525**	**148.5**	**36.57**	**160.7**	**39.18**
Delaware	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	-	315	171.7	40.87	379	161.8	39.72	176.9	43.13
Georgia	102	169.8	42.94	-	-	-	-	-	-	166.8	38.58
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	177.3	44.26
South Carolina	97	159.4	40.19	19	162.4	42.55	-	-	-	157.6	40.26
Virginia	163	158.5	41.56	15	98.1	19.69	-	-	-	158.0	40.52
West Virginia	544	115.8	28.39	1	89.1	22.09	146	114.3	28.41	126.0	30.52
East South Central	**647**	**126.4**	**30.54**	**841**	**108.2**	**25.88**	**1,421**	**107.8**	**24.15**	**129.2**	**29.15**
Alabama	146	141.7	33.79	24	119.2	26.92	165	117.8	26.96	140.3	29.99
Kentucky	179	125.3	30.97	222	115.0	26.52	1,247	106.5	23.78	122.2	28.19
Mississippi	-	-	-	-	-	-	-	-	-	164.5	38.35
Tennessee	321	120.0	28.82	595	105.4	25.60	9	102.1	23.16	118.4	27.40
West South Central	**374**	**117.4**	**15.41**	**-**	**-**	**-**	**-**	**-**	**-**	**106.0**	**17.90**
Arkansas	-	-	-	-	-	-	-	-	-	60.3	10.52
Louisiana	-	-	-	-	-	-	-	-	-	129.3	20.23
Oklahoma	-	-	-	-	-	-	-	-	-	96.9	16.88
Texas	374	117.4	15.41	-	-	-	-	-	-	124.3	20.72
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**104.6**	**20.37**
Arizona	-	-	-	-	-	-	-	-	-	129.8	26.13
Colorado	-	-	-	-	-	-	-	-	-	93.9	18.39
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	64.5	10.96
Nevada	-	-	-	-	-	-	-	-	-	139.7	31.79
New Mexico	-	-	-	-	-	-	-	-	-	120.2	21.45
Utah	-	-	-	-	-	-	-	-	-	103.4	23.09
Wyoming	-	-	-	-	-	-	-	-	-	82.3	14.45
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**131.2**	**22.69**
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	131.2	22.69
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**2,499**	**129.9**	**29.85**	**2,851**	**124.5**	**29.72**	**3,312**	**114.2**	**26.47**	**123.4**	**25.20**

[1] Monetary values are expressed in nominal terms.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data. • See footnotes 3 through 6 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report on Cost and Quality of Fuels for Electric Plants."

Table 37. Electric Utility Receipts of Petroleum by Type, Census Division, and State, August 2002

Census Division and State	No. 2 Fuel Oil		No. 4 Fuel Oil[1]		No. 5 Fuel Oil[1]		No. 6 Fuel Oil		Total	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)
New England	**4**	**24**	**-**	**-**	**-**	**-**	**160**	**1,021**	**164**	**1,045**
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-
New Hampshire	4	24	-	-	-	-	160	1,021	164	1,045
Rode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**8**	**45**	**-**	**-**	**-**	**-**	**1,078**	**6,906**	**1,086**	**6,951**
New Jersey	8	44	-	-	-	-	69	440	76	484
New York	-	-	-	-	-	-	1,010	6,466	1,010	6,466
Pennsylvania	*	0	-	-	-	-	-	-	*	0
East North Central	**84**	**493**	**-**	**-**	**-**	**-**	**88**	**571**	**172**	**1,064**
Illinois	2	9	-	-	-	-	-	-	2	9
Indiana	6	33	-	-	-	-	-	-	6	33
Michigan	46	267	-	-	-	-	88	571	133	838
Ohio	15	87	-	-	-	-	-	-	15	87
Wisconsin	16	97	-	-	-	-	-	-	16	97
West North Central	**23**	**138**	**-**	**-**	**-**	**-**	**64**	**429**	**88**	**568**
Iowa	15	90	-	-	-	-	-	-	15	90
Kansas	-	-	-	-	-	-	64	429	64	429
Minnesota	2	12	-	-	-	-	-	-	2	12
Missouri	3	17	-	-	-	-	-	-	3	17
Nebraska	*	2	-	-	-	-	-	-	*	2
North Dakota	3	16	-	-	-	-	-	-	3	16
South Dakota	-	-	-	-	-	-	-	-	-	-
South Atlantic	**78**	**451**	**-**	**-**	**-**	**-**	**5,291**	**34,134**	**5,369**	**34,586**
Delaware	-	-	-	-	-	-	40	257	40	257
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	30	172	-	-	-	-	4,397	28,426	4,427	28,598
Georgia	7	41	-	-	-	-	-	-	7	41
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	21	119	-	-	-	-	-	-	21	119
South Carolina	6	35	-	-	-	-	-	-	6	35
Virginia	6	33	-	-	-	-	854	5,452	860	5,485
West Virginia	9	51	-	-	-	-	-	-	9	51
East South Central	**28**	**163**	**-**	**-**	**-**	**-**	**-**	**-**	**28**	**163**
Alabama	6	32	-	-	-	-	-	-	6	32
Kentucky	15	90	-	-	-	-	-	-	15	90
Mississippi	*	0	-	-	-	-	-	-	*	0
Tennessee	7	40	-	-	-	-	-	-	7	40
West South Central	**4**	**26**	**-**	**-**	**-**	**-**	**-**	**-**	**4**	**26**
Arkansas	4	26	-	-	-	-	-	-	4	26
Louisiana	*	0	-	-	-	-	-	-	*	0
Oklahoma	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-
Mountain	**15**	**88**	**-**	**-**	**-**	**-**	**-**	**-**	**15**	**88**
Arizona	5	28	-	-	-	-	-	-	5	28
Colorado	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	3	19	-	-	-	-	-	-	3	19
Nevada	1	7	-	-	-	-	-	-	1	7
New Mexico	-	-	-	-	-	-	-	-	-	-
Utah	3	18	-	-	-	-	-	-	3	18
Wyoming	3	16	-	-	-	-	-	-	3	16
Pacific Contiguous	**8**	**47**	**-**	**-**	**-**	**-**	**-**	**-**	**8**	**47**
California	-	-	-	-	-	-	-	-	-	-
Oregon	8	47	-	-	-	-	-	-	8	47
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	**253**	**1,474**	**-**	**-**	**-**	**-**	**6,681**	**43,062**	**6,934**	**44,537**

[1] Blend of No. 2 Fuel Oil and No. 6 Fuel Oil.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Total may not equal sum of components because of independent rounding. • Total may include small quantities of jet fuel or kerosene. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 38. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Census Division and State

Census Division and State	August 2002 Receipts		August 2001 Receipts		Year to Date			
					Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	2002	2001	2002	2001
New England	**164**	**1,045**	**126**	**801**	**2,593**	**4,430**	**366.4**	**384.1**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	14	87	11	811	460.0	522.5
New Hampshire	164	1,045	112	715	2,582	3,619	366.0	353.1
Rode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	**1,086**	**6,951**	**418**	**2,679**	**44,931**	**79,557**	**338.5**	**369.8**
New Jersey	76	484	23	148	1,620	324	535.1	474.3
New York	1,010	6,466	395	2,529	43,305	75,227	331.1	369.2
Pennsylvania	*	*	*	1	6	4,006	496.2	372.9
East North Central	**172**	**1,064**	**427**	**2,643**	**7,972**	**16,195**	**345.3**	**494.0**
Illinois	2	9	5	26	398	1,007	426.8	581.2
Indiana	6	33	20	113	586	1,263	484.7	588.4
Michigan	133	838	326	2,052	5,755	10,925	292.6	442.5
Ohio	15	87	60	348	973	2,515	491.8	611.0
Wisconsin	16	97	18	104	261	486	524.4	620.9
West North Central	**88**	**568**	**162**	**1,029**	**4,365**	**9,476**	**323.6**	**412.0**
Iowa	15	90	26	155	389	718	513.5	633.4
Kansas	64	429	124	804	3,262	7,688	258.1	357.7
Minnesota	2	12	2	11	119	213	542.4	684.0
Missouri	3	17	3	17	398	594	511.3	636.1
Nebraska	*	2	4	21	38	50	518.0	597.8
North Dakota	3	16	3	20	160	212	521.0	683.0
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**5,369**	**34,586**	**5,798**	**37,033**	**200,518**	**320,064**	**353.1**	**381.2**
Delaware	40	257	45	288	1,571	2,694	369.5	390.8
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,427	28,598	5,191	33,247	173,339	277,197	348.3	375.6
Georgia	7	41	35	204	862	1,451	531.0	688.6
Maryland	-	-	-	-	-	-	-	-
North Carolina	21	119	30	171	1,323	2,032	479.2	616.7
South Carolina	6	35	4	24	319	588	492.5	621.9
Virginia	860	5,485	476	2,992	22,167	34,694	364.8	382.9
West Virginia	9	51	18	107	936	1,408	534.4	676.3
East South Central	**28**	**163**	**981**	**6,379**	**1,692**	**53,729**	**492.2**	**389.9**
Alabama	6	32	6	37	330	351	475.6	590.5
Kentucky	15	90	10	57	616	632	506.9	600.9
Mississippi	*	*	962	6,268	95	52,417	528.2	384.7
Tennessee	7	40	3	17	651	329	481.3	606.0
West South Central	**4**	**26**	**134**	**869**	**503**	**26,986**	**505.8**	**611.6**
Arkansas	4	26	7	40	256	340	550.5	638.2
Louisiana	*	*	127	829	99	13,398	559.6	550.0
Oklahoma	-	-	-	-	60	1,426	477.9	633.0
Texas	-	-	-	-	88	11,822	334.5	678.0
Mountain	**15**	**88**	**12**	**68**	**1,127**	**3,411**	**533.1**	**798.9**
Arizona	5	28	-	-	149	2,702	610.7	822.8
Colorado	-	-	1	6	45	194	655.2	725.5
Idaho	-	-	-	-	-	-	-	-
Montana	3	19	-	-	205	-	537.1	-
Nevada	1	7	-	-	136	27	537.6	625.9
New Mexico	-	-	-	-	109	46	545.8	738.0
Utah	3	18	2	12	143	207	491.7	669.2
Wyoming	3	16	9	50	340	235	492.4	731.2
Pacific Contiguous	**8**	**47**	**25**	**147**	**92**	**4,386**	**573.1**	**620.9**
California	-	-	-	-	4	2,734	591.7	600.9
Oregon	8	47	25	147	88	1,652	572.3	653.9
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**881**	**5,529**	**-**	**59,525**	**-**	**497.8**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	881	5,529	-	59,525	-	497.8
U.S. Total	**6,934**	**44,537**	**8,965**	**57,176**	**263,793**	**577,757**	**352.0**	**411.2**

[1] Monetary values are expressed in nominal terms.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Data for 2002 and 2001 are preliminary. • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The August 2002 petroleum coke receipts were 367,340 short tons and the cost was 57.7 cents per million Btu. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 39. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Type of Purchase, Census Division, and State, August 2002

Census Division and State	Fuel Oil No. 6 by Type of Purchase						Averaged Cost of Fuel Oils[1]					
	Contract			Spot			No. 2		No. 4-No. 5		No. 6	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		(cents/ 10^6 Btu)	($/ bbl)	(cents/ 10^6 Btu)	($/ bbl)	(cents/ 10^6 Btu)	($/ bbl)
	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)						
New England	**-**	**-**	**-**	**160**	**373.2**	**23.89**	**537.8**	**31.13**	**-**	**-**	**373.2**	**23.89**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	160	373.2	23.89	537.8	31.13	-	-	373.2	23.89
Rode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**903**	**390.8**	**25.07**	**175**	**413.9**	**26.32**	**646.0**	**37.37**	**-**	**-**	**394.6**	**25.27**
New Jersey	18	501.4	31.79	51	775.6	49.83	646.6	37.40	-	-	705.1	45.14
New York	885	388.6	24.93	125	264.1	16.73	-	-	-	-	373.4	23.92
Pennsylvania	-	-	-	-	-	-	561.1	33.23	-	-	-	-
East North Central	**-**	**-**	**-**	**88**	**288.9**	**18.83**	**534.7**	**31.26**	**-**	**-**	**288.9**	**18.83**
Illinois	-	-	-	-	-	-	625.4	35.74	-	-	-	-
Indiana	-	-	-	-	-	-	540.0	31.41	-	-	-	-
Michigan	-	-	-	88	288.9	18.83	502.4	29.36	-	-	288.9	18.83
Ohio	-	-	-	-	-	-	550.8	32.18	-	-	-	-
Wisconsin	-	-	-	-	-	-	599.0	35.22	-	-	-	-
West North Central	**-**	**-**	**-**	**64**	**268.7**	**17.94**	**583.2**	**33.94**	**-**	**-**	**268.7**	**17.94**
Iowa	-	-	-	-	-	-	584.5	34.16	-	-	-	-
Kansas	-	-	-	64	268.7	17.94	-	-	-	-	268.7	17.94
Minnesota	-	-	-	-	-	-	591.0	34.01	-	-	-	-
Missouri	-	-	-	-	-	-	567.1	32.63	-	-	-	-
Nebraska	-	-	-	-	-	-	585.2	33.95	-	-	-	-
North Dakota	-	-	-	-	-	-	586.4	34.04	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**3,682**	**376.6**	**24.39**	**1,609**	**403.6**	**25.80**	**560.6**	**32.59**	**-**	**-**	**384.7**	**24.82**
Delaware	-	-	-	40	415.3	26.50	-	-	-	-	415.3	26.50
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	3,682	376.6	24.39	715	404.4	25.89	566.2	32.87	-	-	381.0	24.63
Georgia	-	-	-	-	-	-	580.3	33.76	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	524.4	30.46	-	-	-	-
South Carolina	-	-	-	-	-	-	548.2	31.78	-	-	-	-
Virginia	-	-	-	854	402.4	25.69	605.5	35.59	-	-	402.4	25.69
West Virginia	-	-	-	-	-	-	590.5	34.35	-	-	-	-
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**536.4**	**31.46**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	534.9	31.13	-	-	-	-
Kentucky	-	-	-	-	-	-	532.5	31.28	-	-	-	-
Mississippi	-	-	-	-	-	-	520.7	30.63	-	-	-	-
Tennessee	-	-	-	-	-	-	546.6	32.12	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**561.0**	**33.06**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	561.2	33.07	-	-	-	-
Louisiana	-	-	-	-	-	-	529.8	31.30	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**613.8**	**36.03**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	701.9	41.19	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	573.8	33.98	-	-	-	-
Nevada	-	-	-	-	-	-	583.2	34.07	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	550.1	32.35	-	-	-	-
Wyoming	-	-	-	-	-	-	590.6	34.29	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**565.6**	**33.26**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	565.6	33.26	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**4,585**	**379.3**	**24.52**	**2,096**	**392.9**	**25.16**	**557.0**	**32.50**	**-**	**-**	**383.6**	**24.72**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 40. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, August 2002

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)
New England	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-
Rode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	**125**	**264.1**	**16.73**	**-**	**-**	**-**	**954**	**411.4**	**26.39**
New Jersey	-	-	-	-	-	-	69	705.1	45.14
New York	125	264.1	16.73	-	-	-	885	388.6	24.93
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	**10**	**270.0**	**16.00**	**3**	**252.0**	**15.03**	**-**	**-**	**-**
Illinois	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-
Michigan	10	270.0	16.00	3	252.0	15.03	-	-	-
Ohio	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	**7**	**252.1**	**15.43**	**-**	**-**	**-**	**4,082**	**393.2**	**25.22**
Delaware	-	-	-	-	-	-	40	415.3	26.50
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	7	252.1	15.43	-	-	-	3,409	391.7	25.14
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	633	400.0	25.53
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	**142**	**264.0**	**16.61**	**3**	**252.0**	**15.03**	**5,036**	**396.6**	**25.44**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Fuel Oil No.2 has been omitted from this table. • Oil and petroleum are used interchangeably in this report. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 40. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, August 2002 (Continued)

Census Division and State	More than 1.0% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]			
	(1,000 bbls)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(cents/ 10^6 Btu)	($/ bbl)	(cents/ 10^6 Btu)	($/ bbl)
New England	**160**	**373.2**	**23.89**	**-**	**-**	**-**	**-**	**-**	**-**	**373.2**	**23.89**
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	160	373.2	23.89	-	-	-	-	-	-	373.2	23.89
Rode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**394.6**	**25.27**
New Jersey	-	-	-	-	-	-	-	-	-	705.1	45.14
New York	-	-	-	-	-	-	-	-	-	373.4	23.92
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-
East North Central	**74**	**292.6**	**19.38**	**-**	**-**	**-**	**-**	**-**	**-**	**288.9**	**18.83**
Illinois	-	-	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	74	292.6	19.38	-	-	-	-	-	-	288.9	18.83
Ohio	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
West North Central	**64**	**268.7**	**17.94**	**-**	**-**	**-**	**-**	**-**	**-**	**268.7**	**17.94**
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	64	268.7	17.94	-	-	-	-	-	-	268.7	17.94
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**1,085**	**358.5**	**23.60**	**117**	**346.0**	**22.72**	**-**	**-**	**-**	**384.7**	**24.82**
Delaware	-	-	-	-	-	-	-	-	-	415.3	26.50
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	864	346.0	22.95	117	346.0	22.72	-	-	-	381.0	24.63
Georgia	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
Virginia	221	409.3	26.13	-	-	-	-	-	-	402.4	25.69
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**1,383**	**352.3**	**23.14**	**117**	**346.0**	**22.72**	**-**	**-**	**-**	**383.6**	**24.72**

[1] Monetary values are expressed in nominal terms.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Fuel Oil No. 2 has been omitted from this table. • Oil and petroleum are used interchangeably in this report. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report on Cost and Quality of Fuels for Electric Plants."

Table 41. Electric Utility Receipts of Gas by Type, Census Division, and State, August 2002

Census Division and State	Natural		Blast-Furnace[1]		Refinery		Total	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)
New England	**807**	**839**	**-**	**-**	**-**	**-**	**807**	**839**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	510	528	-	-	-	-	510	528
New Hampshire	296	311	-	-	-	-	296	311
Rode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	**10,924**	**11,124**	**-**	**-**	**-**	**-**	**10,924**	**11,124**
New Jersey	-	-	-	-	-	-	-	-
New York	10,924	11,124	-	-	-	-	10,924	11,124
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	**2,583**	**2,615**	**429**	**36**	**-**	**-**	**3,012**	**2,651**
Illinois	191	197	-	-	-	-	191	197
Indiana	26	26	-	-	-	-	26	26
Michigan	2,098	2,123	429	36	-	-	2,527	2,159
Ohio	14	14	-	-	-	-	14	14
Wisconsin	254	255	-	-	-	-	254	255
West North Central	**5,833**	**5,881**	**-**	**-**	**-**	**-**	**5,833**	**5,881**
Iowa	340	341	-	-	-	-	340	341
Kansas	2,902	2,928	-	-	-	-	2,902	2,928
Minnesota	356	357	-	-	-	-	356	357
Missouri	2,118	2,138	-	-	-	-	2,118	2,138
Nebraska	117	118	-	-	-	-	117	118
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**46,903**	**48,429**	**-**	**-**	**24**	**25**	**46,927**	**48,454**
Delaware	63	65	-	-	-	-	63	65
District of Columbia	-	-	-	-	-	-	-	-
Florida	43,178	44,589	-	-	-	-	43,178	44,589
Georgia	4	5	-	-	-	-	4	5
Maryland	-	-	-	-	-	-	-	-
North Carolina	530	549	-	-	-	-	530	549
South Carolina	6	6	-	-	-	-	6	6
Virginia	3,116	3,209	-	-	24	25	3,139	3,233
West Virginia	8	8	-	-	-	-	8	8
East South Central	**19,430**	**20,065**	**-**	**-**	**-**	**-**	**19,430**	**20,065**
Alabama	7,300	7,596	-	-	-	-	7,300	7,596
Kentucky	64	66	-	-	-	-	64	66
Mississippi	12,066	12,403	-	-	-	-	12,066	12,403
Tennessee	-	-	-	-	-	-	-	-
West South Central	**86,533**	**89,102**	**-**	**-**	**-**	**-**	**86,533**	**89,102**
Arkansas	2,572	2,625	-	-	-	-	2,572	2,625
Louisiana	30,279	31,315	-	-	-	-	30,279	31,315
Oklahoma	21,462	22,158	-	-	-	-	21,462	22,158
Texas	32,219	33,004	-	-	-	-	32,219	33,004
Mountain	**20,840**	**21,219**	**-**	**-**	**-**	**-**	**20,840**	**21,219**
Arizona	7,394	7,550	-	-	-	-	7,394	7,550
Colorado	3,972	3,943	-	-	-	-	3,972	3,943
Idaho	-	-	-	-	-	-	-	-
Montana	1	1	-	-	-	-	1	1
Nevada	5,373	5,525	-	-	-	-	5,373	5,525
New Mexico	3,427	3,486	-	-	-	-	3,427	3,486
Utah	672	712	-	-	-	-	672	712
Wyoming	2	2	-	-	-	-	2	2
Pacific Contiguous	**9,209**	**9,300**	**-**	**-**	**-**	**-**	**9,209**	**9,300**
California	8,136	8,205	-	-	-	-	8,136	8,205
Oregon	1,074	1,095	-	-	-	-	1,074	1,095
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,633**	**1,633**	**-**	**-**	**-**	**-**	**1,633**	**1,633**
Alaska	1,633	1,633	-	-	-	-	1,633	1,633
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**204,695**	**210,207**	**429**	**36**	**24**	**25**	**205,148**	**210,268**

[1] Includes coke oven gas.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Mcf=thousand cubic feet. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 42. Receipts and Average Cost of Gas Delivered to Electric Utilities by Census Division and State

Census Division and State	August 2002 Receipts		August 2001 Receipts		Year to Date			
					Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	2002	2001	2002	2001
New England	**807**	**839**	**967**	**1,001**	**3,251**	**2,734**	**361.2**	**410.0**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	510	528	947	980	2,732	2,613	365.8	408.0
New Hampshire	296	311	20	21	510	21	337.4	335.5
Rode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	9	100	315.5	477.6
Middle Atlantic	**10,924**	**11,124**	**13,653**	**13,902**	**55,821**	**51,312**	**357.8**	**493.6**
New Jersey	-	-	-	-	-	-	-	-
New York	10,924	11,124	13,653	13,902	55,821	51,187	357.8	492.7
Pennsylvania	-	-	-	-	-	125	-	851.4
East North Central	**3,012**	**2,651**	**6,019**	**5,549**	**19,395**	**20,703**	**339.1**	**453.8**
Illinois	191	197	725	747	3,482	2,202	336.9	449.5
Indiana	26	26	208	210	341	1,226	354.9	530.7
Michigan	2,527	2,159	4,494	3,998	13,160	14,432	333.7	427.9
Ohio	14	14	55	57	169	372	489.5	830.5
Wisconsin	254	255	537	538	2,243	2,470	360.3	513.9
West North Central	**5,833**	**5,881**	**6,208**	**6,218**	**26,104**	**23,364**	**320.6**	**426.0**
Iowa	340	341	365	366	2,370	2,168	359.7	526.6
Kansas	2,902	2,928	4,665	4,669	11,780	15,165	300.2	377.8
Minnesota	356	357	159	160	1,947	1,214	348.8	557.3
Missouri	2,118	2,138	854	855	9,093	4,159	327.8	503.8
Nebraska	117	118	166	168	914	657	349.6	468.7
North Dakota	-	-	-	-	0	0	257.4	711.9
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**46,927**	**48,454**	**29,450**	**30,713**	**270,012**	**162,344**	**382.4**	**547.9**
Delaware	63	65	91	94	229	178	342.0	452.2
District of Columbia	-	-	-	-	-	-	-	-
Florida	43,178	44,589	26,609	27,779	258,410	154,535	380.1	551.2
Georgia	4	5	458	469	261	889	327.6	364.0
Maryland	-	-	-	-	-	-	-	-
North Carolina	530	549	261	270	2,141	526	410.6	458.6
South Carolina	6	6	3	3	25	55	479.9	626.7
Virginia	3,139	3,233	2,018	2,089	8,804	6,048	444.0	495.4
West Virginia	8	8	12	12	140	113	400.9	788.1
East South Central	**19,430**	**20,065**	**9,918**	**10,178**	**133,682**	**47,590**	**315.1**	**476.9**
Alabama	7,300	7,596	109	112	48,947	7,589	316.6	695.6
Kentucky	64	66	13	13	586	153	408.3	637.1
Mississippi	12,066	12,403	9,796	10,052	84,148	39,848	313.5	434.6
Tennessee	-	-	-	-	-	-	-	-
West South Central	**86,533**	**89,102**	**183,939**	**188,731**	**479,288**	**1,013,239**	**325.0**	**470.5**
Arkansas	2,572	2,625	3,539	3,599	13,745	16,320	338.8	473.4
Louisiana	30,279	31,315	32,350	33,486	183,095	168,184	329.0	476.6
Oklahoma	21,462	22,158	19,212	19,821	117,323	114,272	330.5	496.2
Texas	32,219	33,004	128,838	131,825	165,124	714,462	315.3	464.9
Mountain	**20,840**	**21,219**	**17,531**	**17,928**	**110,974**	**152,867**	**379.0**	**554.9**
Arizona	7,394	7,550	5,036	5,139	28,202	51,989	302.5	509.7
Colorado	3,972	3,943	3,837	3,929	26,833	26,498	254.3	427.4
Idaho	-	-	-	-	-	-	-	-
Montana	1	1	1	1	12	9	433.9	726.2
Nevada	5,373	5,525	3,558	3,643	32,764	36,027	574.5	815.1
New Mexico	3,427	3,486	3,996	4,048	19,315	28,173	304.6	465.4
Utah	672	712	1,077	1,142	3,719	9,776	521.3	446.5
Wyoming	2	2	26	26	129	396	455.1	384.1
Pacific Contiguous	**9,209**	**9,300**	**8,317**	**8,429**	**59,567**	**102,370**	**393.9**	**834.1**
California	8,136	8,205	4,250	4,281	52,065	70,526	408.5	1,034.6
Oregon	1,074	1,095	4,067	4,148	7,502	31,844	292.1	390.1
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,633**	**1,633**	**1,036**	**1,036**	**12,966**	**11,743**	**241.7**	**224.9**
Alaska	1,633	1,633	1,036	1,036	12,966	11,743	241.7	224.9
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**205,148**	**210,268**	**277,039**	**283,685**	**1,171,060**	**1,588,266**	**346.6**	**508.1**

[1] Monetary values are expressed in nominal terms.

Notes: • Data for 2002 and 2001 are preliminary. • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Includes small quantities of coke-oven, refinery, and blast-furnace gas. • Mcf=thousand cubic feet. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 43. Receipts and Average Cost of Gas Delivered to Electric Utilities by Type of Purchase, Census Division and State, August 2002

Census Division and State	Firm Gas			Interruptible Gas			Spot Gas			Total Gas		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)
New England	**-**	**-**	**-**	**198**	**359.0**	**3.70**	**608**	**345.2**	**3.60**	**807**	**348.6**	**3.63**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	198	359.0	3.70	312	349.9	3.62	510	353.4	3.65
New Hampshire	-	-	-	-	-	-	296	340.4	3.58	296	340.4	3.58
Rode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**-**	**1,565**	**336.7**	**3.47**	**9,359**	**378.2**	**3.84**	**10,924**	**372.2**	**3.79**
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	1,565	336.7	3.47	9,359	378.2	3.84	10,924	372.2	3.79
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
East North Central	**315**	**351.7**	**3.53**	**1,590**	**301.0**	**2.28**	**1,107**	**337.3**	**3.44**	**3,012**	**322.5**	**2.84**
Illinois	-	-	-	191	309.0	3.18	-	-	-	191	309.0	3.18
Indiana	-	-	-	26	447.5	4.49	-	-	-	26	447.5	4.49
Michigan	305	351.0	3.52	1,122	279.0	1.82	1,100	337.1	3.43	2,527	319.3	2.73
Ohio	10	371.3	3.81	-	-	-	4	539.8	5.58	14	421.0	4.33
Wisconsin	-	-	-	251	343.2	3.44	3	110.2	1.10	254	340.8	3.42
West North Central	**1,124**	**309.1**	**3.14**	**4,284**	**312.5**	**3.15**	**425**	**315.2**	**3.16**	**5,833**	**312.0**	**3.15**
Iowa	32	350.5	3.53	120	340.7	3.43	187	314.5	3.14	340	327.2	3.28
Kansas	-	-	-	2,902	294.7	2.97	-	-	-	2,902	294.7	2.97
Minnesota	-	-	-	320	396.4	3.98	35	320.0	3.20	356	388.8	3.91
Missouri	1,047	305.2	3.10	869	331.6	3.32	202	315.0	3.16	2,118	316.9	3.20
Nebraska	44	373.9	3.74	72	379.6	3.83	-	-	-	117	377.4	3.80
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**36,322**	**371.6**	**3.85**	**2,656**	**384.6**	**4.01**	**7,949**	**421.7**	**4.27**	**46,927**	**380.7**	**3.93**
Delaware	-	-	-	63	390.3	4.03	-	-	-	63	390.3	4.03
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	36,322	371.6	3.85	2,046	376.1	3.93	4,810	449.7	4.50	43,178	380.2	3.93
Georgia	-	-	-	4	346.3	3.59	-	-	-	4	346.3	3.59
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	530	415.4	4.30	-	-	-	530	415.4	4.30
South Carolina	-	-	-	6	523.1	5.38	-	-	-	6	523.1	5.38
Virginia	-	-	-	-	-	-	3,139	380.0	3.91	3,139	380.0	3.91
West Virginia	-	-	-	8	418.5	4.18	-	-	-	8	418.5	4.18
East South Central	**2,628**	**308.3**	**3.19**	**4,911**	**342.1**	**3.57**	**11,891**	**322.5**	**3.31**	**19,430**	**325.6**	**3.36**
Alabama	2,086	299.1	3.10	4,911	342.1	3.57	303	321.4	3.33	7,300	329.1	3.42
Kentucky	-	-	-	-	-	-	64	358.1	3.67	64	358.1	3.67
Mississippi	542	343.8	3.56	-	-	-	11,525	322.3	3.31	12,066	323.3	3.32
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	**13,638**	**342.7**	**3.55**	**3,495**	**319.2**	**3.28**	**69,399**	**314.0**	**3.23**	**86,533**	**318.7**	**3.28**
Arkansas	-	-	-	-	-	-	2,572	317.9	3.25	2,572	317.9	3.25
Louisiana	237	330.2	3.50	2,711	321.6	3.33	27,332	325.6	3.37	30,279	325.3	3.36
Oklahoma	11,803	337.9	3.50	17	349.2	3.51	9,643	306.7	3.15	21,462	323.9	3.34
Texas	1,599	380.6	3.92	767	309.7	3.10	29,853	305.2	3.13	32,219	309.1	3.17
Mountain	**8,057**	**287.0**	**2.90**	**4,010**	**264.1**	**2.68**	**8,773**	**373.0**	**3.83**	**20,840**	**319.1**	**3.25**
Arizona	2,852	283.1	2.89	2,626	267.0	2.71	1,916	328.7	3.38	7,394	289.3	2.95
Colorado	3,693	225.3	2.24	278	183.6	1.83	-	-	-	3,972	222.3	2.21
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	1	405.0	4.64	-	-	-	1	405.0	4.64
Nevada	1,465	442.4	4.54	-	-	-	3,908	435.2	4.48	5,373	437.2	4.50
New Mexico	45	377.8	3.82	1,105	277.0	2.83	2,277	310.0	3.15	3,427	300.2	3.05
Utah	-	-	-	-	-	-	672	348.4	3.69	672	348.4	3.69
Wyoming	2	280.2	2.89	-	-	-	-	-	-	2	280.2	2.89
Pacific Contiguous	**2,082**	**452.8**	**4.54**	**324**	**589.9**	**6.01**	**6,803**	**348.7**	**3.53**	**9,209**	**380.6**	**3.84**
California	2,082	452.8	4.54	324	589.9	6.01	5,729	371.0	3.75	8,136	400.6	4.04
Oregon	-	-	-	-	-	-	1,074	230.6	2.35	1,074	230.6	2.35
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,633**	**212.4**	**2.12**	**-**	**-**	**-**	**-**	**-**	**-**	**1,633**	**212.4**	**2.12**
Alaska	1,633	212.4	2.12	-	-	-	-	-	-	1,633	212.4	2.12
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**65,799**	**350.4**	**3.61**	**23,034**	**325.6**	**3.28**	**116,315**	**334.1**	**3.43**	**205,148**	**338.4**	**3.47**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Mcf=thousand cubic feet. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

U.S. Electric Utility Sales, Revenue, and Average Revenue per Kilowatthour

Table 44. U.S. Electric Utility Retail Sales of Electricity by Sector, 1990 Through September 2002
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1990	**924,019**	**751,027**	**945,522**	**91,988**	**2,712,555**
1991	**955,417**	**765,664**	**946,583**	**94,339**	**2,762,003**
1992	**935,939**	**761,271**	**972,714**	**93,442**	**2,763,365**
1993	**994,781**	**794,573**	**977,164**	**94,944**	**2,861,462**
1994	**1,008,482**	**820,269**	**1,007,981**	**97,830**	**2,934,563**
1995	**1,042,501**	**862,685**	**1,012,693**	**95,407**	**3,013,287**
1996	**1,082,512**	**887,446**	**1,033,631**	**97,539**	**3,101,127**
1997	**1,075,881**	**928,633**	**1,038,196**	**102,901**	**3,145,611**
1998	**1,130,109**	**979,401**	**1,051,203**	**103,518**	**3,264,230**
1999	**1,144,923**	**1,001,996**	**1,058,217**	**106,952**	**3,312,088**
2000					
January	109,492	83,414	85,988	8,869	287,764
February	98,446	80,425	84,611	8,613	272,095
March	84,645	81,012	88,299	8,462	262,418
April	76,228	78,377	86,439	8,131	249,175
May	83,366	86,362	90,562	8,972	269,263
June	103,976	94,258	92,185	9,345	299,765
July	119,475	98,459	89,895	9,737	317,566
August	123,769	102,422	94,327	10,214	330,733
September	108,546	94,453	90,599	10,094	303,693
October	86,832	87,326	89,418	9,260	272,835
November	84,516	83,019	87,687	8,899	264,121
December	113,153	85,704	84,230	8,900	291,988
Total	**1,192,446**	**1,055,232**	**1,064,239**	**109,496**	**3,421,414**
2001					
January	128,287	91,062	82,730	9,400	311,479
February	100,887	81,761	81,807	8,856	273,310
March	93,439	84,157	83,027	8,952	269,575
April	82,823	81,230	82,295	8,742	255,090
May	81,427	87,623	85,298	9,268	263,616
June	98,553	95,790	85,174	10,332	289,849
July	119,654	102,474	83,267	10,619	316,014
August	128,295	105,832	86,868	11,305	332,300
September	105,240	96,899	82,614	11,203	295,956
October	85,090	89,479	83,064	9,906	267,539
November	81,077	83,224	80,182	9,129	253,611
December	96,222	85,505	77,756	8,939	268,423
Total	**1,200,992**	**1,085,036**	**994,083**	**116,652**	**3,396,764**
2002					
January	117,512	88,319	76,633	8,927	291,391
February	97,486	82,365	74,610	8,262	262,723
March	97,003	85,101	76,253	8,396	266,753
April	87,644	86,382	78,917	8,510	261,453
May	87,897	92,599	82,036	8,593	271,125
June	104,856	100,494	82,239	9,433	297,022
July	133,306	109,537	85,938	10,203	338,984
August	133,997	108,279	87,756	10,346	340,378
September	115,071	100,225	85,268	10,404	310,968
Total	**974,773**	**853,299**	**729,650**	**83,074**	**2,640,796**
Year to Date					
2002	**974,773**	**853,299**	**729,650**	**83,074**	**2,640,796**
2001	**938,605**	**826,829**	**753,080**	**88,677**	**2,607,190**
2000	**907,945**	**799,183**	**802,905**	**82,437**	**2,592,470**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Sales values for 1996-2001 include energy service provider (power marketer) data. Values for 2000 have been adjusted to reflect the Form EIA-861 annual total. See technical notes for methodology. • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Sources: • 2001-2002; Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." • 1990-2000: Form EIA-861,"Annual Electric Utility Report."

Table 45. Estimated U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, September 2002 and 2001

(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**3,586**	**3,258**	**4,264**	**3,994**	**2,011**	**2,122**	**133**	**127**	**9,994**	**9,501**
Connecticut	957	897	1,052	1,008	444	447	46	48	2,499	2,399
Maine	304	291	330	328	300	416	5	4	939	1,039
Massachusetts	1,605	1,413	2,074	1,904	842	816	61	55	4,582	4,188
New Hampshire	311	285	356	328	193	206	12	11	871	831
Rhode Island	243	216	284	260	108	109	7	5	641	591
Vermont	166	156	168	165	124	128	4	4	462	454
Mid Atlantic	**11,156**	**9,889**	**12,767**	**12,052**	**6,906**	**7,200**	**1,264**	**1,377**	**32,093**	**30,519**
New Jersey	2,524	2,234	3,137	2,991	820	1,085	37	42	6,517	6,352
New York	4,361	4,018	5,537	5,435	2,374	2,161	1,109	1,222	13,381	12,835
Pennsylvania	4,271	3,638	4,093	3,626	3,713	3,954	118	114	12,195	11,331
East North Central	**15,168**	**12,811**	**14,141**	**13,372**	**18,081**	**17,147**	**1,415**	**1,759**	**48,805**	**45,089**
Illinois	3,660	3,435	3,829	3,510	3,375	3,389	855	915	11,719	11,249
Indiana	2,668	2,110	1,957	2,296	4,143	3,460	50	365	8,818	8,230
Michigan	2,934	2,339	3,243	2,879	3,033	3,012	77	76	9,287	8,307
Ohio	4,133	3,420	3,458	3,134	5,181	5,061	369	341	13,141	11,956
Wisconsin	1,773	1,506	1,653	1,554	2,349	2,225	64	63	5,840	5,348
West North Central	**8,355**	**7,002**	**7,227**	**6,713**	**6,519**	**6,333**	**NM**	**549**	**22,939**	**20,597**
Iowa	1,142	914	767	651	1,386	1,356	138	128	3,434	3,048
Kansas	1,255	877	1,242	1,240	856	830	NM	57	3,412	3,005
Minnesota	1,756	1,505	1,650	1,553	1,902	1,864	62	71	5,370	4,993
Missouri	2,904	2,479	2,367	2,144	1,351	1,340	94	87	6,715	6,050
Nebraska	748	717	646	600	661	592	NM	135	2,426	2,044
North Dakota	261	238	285	269	NM	204	NM	35	814	746
South Dakota	290	273	269	256	144	146	NM	35	769	711
South Atlantic	**29,339**	**27,063**	**22,014**	**22,319**	**15,334**	**13,515**	**2,044**	**1,976**	**68,731**	**64,872**
Delaware	379	354	357	335	383	345	5	5	1,124	1,039
District of Columbia	183	118	783	708	25	22	35	32	1,026	880
Florida	10,789	10,438	7,256	7,133	1,649	1,567	549	550	20,244	19,688
Georgia	4,622	4,092	3,543	3,386	3,034	2,771	148	146	11,347	10,394
Maryland [2]	2,134	1,840	1,347	2,300	1,904	851	62	75	5,447	5,067
North Carolina	4,492	4,276	3,729	3,699	2,908	2,746	212	213	11,341	10,934
South Carolina	2,575	2,436	1,778	1,734	2,793	2,711	87	86	7,233	6,967
Virginia	3,333	2,790	2,593	2,444	1,747	1,637	940	865	8,613	7,736
West Virginia	832	719	627	578	891	864	6	6	2,356	2,167
East South Central	**10,929**	**9,746**	**7,026**	**6,724**	**10,720**	**9,964**	**547**	**521**	**29,222**	**26,955**
Alabama	2,930	2,550	1,874	1,746	2,910	2,840	60	57	7,774	7,194
Kentucky	2,201	1,933	1,297	1,241	3,606	3,135	314	292	7,418	6,601
Mississippi	1,924	1,739	1,181	1,110	1,298	1,323	82	81	4,485	4,253
Tennessee	3,875	3,523	2,673	2,627	2,905	2,666	92	90	9,546	8,906
West South Central	**19,085**	**18,999**	**11,594**	**12,944**	**13,412**	**13,394**	**1,868**	**2,127**	**45,958**	**47,463**
Arkansas	1,705	1,567	950	917	1,498	1,490	73	72	4,226	4,046
Louisiana	3,104	2,814	1,869	1,772	2,645	2,328	268	259	7,887	7,173
Oklahoma	2,157	1,876	1,202	1,581	938	1,141	391	280	4,689	4,878
Texas	12,118	12,742	7,573	8,674	8,330	8,434	1,135	1,515	29,156	31,365
Mountain	**6,845**	**6,903**	**7,031**	**6,969**	**5,196**	**5,440**	**NM**	**1,099**	**20,121**	**20,411**
Arizona	2,845	2,820	2,116	2,108	958	962	NM	439	6,330	6,329
Colorado	1,288	1,262	1,589	1,650	889	944	NM	158	3,915	4,014
Idaho	412	419	642	565	515	603	NM	29	1,599	1,615
Montana	271	281	327	323	293	284	NM	24	932	913
Nevada	925	974	NM	645	892	1,010	NM	64	2,624	2,693
New Mexico	464	449	631	637	430	444	NM	253	1,762	1,784
Utah	497	562	731	745	603	596	NM	118	1,930	2,020
Wyoming	143	135	250	296	616	596	NM	16	1,030	1,044
Pacific Contiguous	**10,228**	**9,205**	**NM**	**11,361**	**6,683**	**7,094**	**NM**	**1,651**	**31,843**	**29,312**
California [3]	7,222	6,322	NM	8,297	4,304	4,999	NM	1,257	22,883	20,876
Oregon	1,103	1,069	1,252	1,214	976	984	43	37	3,375	3,304
Washington	1,903	1,815	1,969	1,849	NM	1,111	312	357	5,586	5,132
Pacific Noncontiguous	**378**	**364**	**456**	**451**	**407**	**405**	**20**	**17**	**1,260**	**1,236**
Alaska	142	137	188	183	91	93	15	14	435	426
Hawaii	237	227	268	268	316	312	5	3	825	810
U.S. Total	**115,071**	**105,240**	**100,225**	**96,899**	**85,268**	**82,614**	**NM**	**11,203**	**310,968**	**295,956**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] A major utility in Maryland reclassified consumers from commercial class to industrial in July 2002.

[3] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 46. Relative Standard Error for U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division and State, September 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.4**	**0.4**	**0.7**	**1.8**	**0.3**
Connecticut	0.3	0.3	0.3	2.3	0.2
Maine	0.3	0.3	0.2	1.2	0.2
Massachusetts	0.7	0.6	1.3	1.5	0.4
New Hampshire	0.3	0.3	0.5	0.1	0.2
Rhode Island	0.3	0.1	0.3	0.2	0.1
Vermont	1.8	1.0	0.9	3.1	0.7
Mid Atlantic	**0.2**	**0.1**	**1.6**	**10.1**	**0.8**
New Jersey	0.2	0.2	0.4	0.2	0.1
New York	0.2	0.2	3.5	9.2	1.3
Pennsylvania	0.3	0.2	0.1	0.4	0.1
East North Central	**0.5**	**0.5**	**0.8**	**0.3**	**0.4**
Illinois	0.6	0.5	0.6	0.2	0.5
Indiana	1.1	0.7	1.0	2.5	0.8
Michigan	0.5	1.0	1.6	2.6	0.3
Ohio	0.8	0.4	0.8	0.3	0.7
Wisconsin	0.9	1.2	3.3	1.8	0.5
West North Central	**0.7**	**0.8**	**2.7**	**NM**	**0.7**
Iowa	1.7	3.3	6.6	4.3	1.0
Kansas	0.9	2.0	1.8	NM	1.0
Minnesota	1.5	1.8	3.4	5.0	0.6
Missouri	1.1	0.6	4.0	2.4	1.3
Nebraska	1.3	1.3	3.9	NM	2.9
North Dakota	1.8	1.3	NM	NM	6.6
South Dakota	2.0	1.3	6.4	NM	4.6
South Atlantic	**1.3**	**0.7**	**0.7**	**1.1**	**0.8**
Delaware	0.5	0.6	0.5	0.8	0.3
District of Columbia	-	-	-	-	-
Florida	1.3	0.9	2.3	1.5	1.2
Georgia	2.1	0.8	1.0	3.9	1.2
Maryland	1.0	1.2	0.2	1.9	0.5
North Carolina	1.5	0.6	0.5	1.6	0.9
South Carolina	1.7	0.5	0.5	1.3	0.8
Virginia	1.1	0.4	0.6	0.5	0.6
West Virginia	0.2	0.1	0.1	0.7	0.1
East South Central	**0.7**	**0.7**	**1.1**	**1.3**	**0.7**
Alabama	1.5	0.6	3.1	5.9	1.6
Kentucky	1.4	1.1	1.2	0.3	1.2
Mississippi	1.5	2.5	1.3	7.0	1.1
Tennessee	0.9	0.9	1.8	1.1	1.2
West South Central	**1.1**	**3.2**	**0.9**	**4.1**	**0.9**
Arkansas	1.2	2.2	3.0	4.3	1.4
Louisiana	1.2	2.4	0.3	1.7	0.7
Oklahoma	1.1	2.1	1.7	0.9	0.9
Texas	1.1	3.4	0.7	5.1	1.0
Mountain	**0.7**	**3.4**	**0.5**	**NM**	**0.5**
Arizona	0.5	0.3	0.8	NM	0.4
Colorado	2.0	0.7	1.3	NM	0.9
Idaho	0.5	0.4	1.5	NM	1.5
Montana	2.0	0.9	2.1	NM	3.1
Nevada	0.6	NM	0.1	NM	1.1
New Mexico	2.3	1.1	2.3	NM	1.3
Utah	2.1	0.8	0.5	NM	0.7
Wyoming	1.6	1.0	1.3	NM	2.0
Pacific Contiguous	**0.6**	**NM**	**3.5**	**NM**	**1.7**
California	0.8	NM	0.8	NM	1.8
Oregon	0.7	0.9	6.8	8.4	3.4
Washington	0.8	1.3	NM	6.6	5.0
Pacific Noncontiguous	**0.1**	**0.1**	**0.2**	**7.7**	**0.1**
Alaska	0.2	0.3	1.1	10.1	0.4
Hawaii	-	-	-	-	-
U.S. Average	**0.5**	**2.4**	**0.6**	**NM**	**0.4**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 47. Estimated U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date (September) 2002 and 2001

(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**33,136**	**32,353**	**37,479**	**37,049**	**18,011**	**19,569**	**1,191**	**1,114**	**89,817**	**90,085**
Connecticut	9,337	9,123	9,537	9,394	4,049	4,174	416	414	23,340	23,105
Maine	2,991	2,944	2,851	2,887	2,692	3,501	43	43	8,577	9,375
Massachusetts	14,116	13,798	18,113	17,913	7,423	7,727	536	476	40,188	39,914
New Hampshire	2,985	2,880	3,024	2,960	1,678	1,909	100	98	7,787	7,848
Rhode Island	2,159	2,067	2,484	2,442	986	1,049	61	48	5,690	5,605
Vermont	1,547	1,541	1,470	1,453	1,182	1,209	35	36	4,235	4,239
Mid Atlantic	**94,266**	**89,739**	**106,948**	**104,104**	**62,854**	**64,241**	**11,459**	**11,936**	**275,528**	**270,021**
New Jersey	20,895	19,919	26,829	26,225	8,617	9,499	363	366	56,704	56,008
New York	35,514	33,863	46,844	46,490	18,818	18,564	10,060	10,332	111,237	109,250
Pennsylvania	37,857	35,957	33,274	31,389	35,420	36,177	1,035	1,238	107,587	104,762
East North Central	**140,820**	**132,558**	**123,502**	**121,298**	**156,387**	**160,937**	**12,136**	**12,732**	**432,844**	**427,525**
Illinois	34,900	32,896	33,264	33,061	29,255	31,884	7,281	7,793	104,700	105,634
Indiana	23,840	22,635	16,412	16,473	35,830	35,368	466	765	76,547	75,240
Michigan	26,431	24,524	28,548	27,488	26,747	26,640	657	648	82,383	79,300
Ohio	39,144	36,838	30,942	30,229	44,678	47,207	3,164	2,976	117,929	117,250
Wisconsin	16,506	15,666	14,336	14,048	19,877	19,838	567	549	51,285	50,100
West North Central	**72,769**	**70,292**	**62,169**	**61,951**	**56,880**	**55,770**	**5,213**	**5,209**	**197,031**	**193,222**
Iowa	10,122	9,590	6,474	6,318	12,617	12,618	1,167	1,150	30,380	29,676
Kansas	10,133	9,804	10,239	9,877	7,386	7,680	458	464	28,216	27,825
Minnesota	15,557	14,864	14,404	15,302	16,543	15,243	519	561	47,022	45,970
Missouri	24,519	23,880	20,600	20,087	11,597	11,859	854	837	57,569	56,663
Nebraska	6,882	6,743	5,632	5,537	5,635	5,453	1,508	1,460	19,657	19,192
North Dakota	2,715	2,656	2,545	2,547	1,871	1,746	343	356	7,474	7,304
South Dakota	2,840	2,755	2,277	2,283	1,231	1,173	364	381	6,712	6,592
South Atlantic	**239,707**	**231,318**	**187,408**	**186,088**	**124,674**	**120,933**	**17,141**	**16,774**	**568,930**	**555,113**
Delaware	3,064	3,004	2,828	2,813	3,107	3,074	43	47	9,042	8,938
District of Columbia	1,411	1,355	6,606	6,517	198	217	306	269	8,521	8,358
Florida	81,501	78,726	57,971	56,342	14,344	13,919	4,319	4,256	158,136	153,243
Georgia	37,117	35,111	29,903	29,536	26,026	25,534	1,257	1,253	94,303	91,434
Maryland [2]	19,654	19,273	18,134	20,022	10,199	7,729	722	671	48,710	47,695
North Carolina	38,081	36,875	29,982	29,427	23,913	23,914	1,675	1,669	93,651	91,885
South Carolina	20,597	20,119	13,895	13,901	23,955	23,575	706	720	59,154	58,315
Virginia	30,422	29,169	22,773	22,327	14,827	14,730	8,058	7,836	76,081	74,062
West Virginia	7,859	7,685	5,315	5,202	8,104	8,243	55	54	21,333	21,184
East South Central	**87,138**	**84,607**	**56,012**	**54,698**	**94,717**	**88,524**	**4,517**	**4,477**	**242,384**	**232,307**
Alabama	23,496	22,359	15,122	14,717	25,691	24,862	519	515	64,828	62,453
Kentucky	19,277	18,722	11,067	10,997	32,546	27,719	2,545	2,520	65,434	59,959
Mississippi	13,902	13,621	9,121	8,780	11,196	11,528	625	629	34,844	34,557
Tennessee	30,463	29,906	20,702	20,204	25,285	24,415	828	813	77,278	75,338
West South Central	**147,226**	**142,894**	**104,241**	**98,260**	**108,477**	**119,388**	**14,258**	**16,212**	**374,202**	**376,754**
Arkansas	12,073	12,115	6,733	6,930	12,422	12,759	561	583	31,789	32,386
Louisiana	21,960	21,228	14,338	13,898	22,417	22,542	2,126	2,094	60,841	59,762
Oklahoma	15,832	16,062	10,176	10,654	9,770	9,946	2,602	2,302	38,380	38,964
Texas	97,362	93,489	72,994	66,778	63,866	74,142	8,969	11,234	243,191	245,643
Mountain	**59,615**	**57,810**	**59,420**	**57,298**	**46,702**	**48,675**	**8,077**	**7,862**	**173,814**	**171,645**
Arizona	20,990	20,519	17,041	16,793	8,237	8,699	3,186	3,046	49,454	49,057
Colorado	11,641	11,015	14,127	13,751	7,807	7,884	1,180	1,123	34,755	33,773
Idaho	5,060	5,007	5,596	5,147	4,773	5,630	252	250	15,681	16,034
Montana	3,001	2,966	2,945	2,930	2,539	2,527	241	254	8,726	8,677
Nevada	7,916	7,718	5,800	5,080	8,692	8,578	471	441	22,879	21,817
New Mexico	4,024	3,878	5,328	5,168	3,840	4,025	1,794	1,764	14,986	14,835
Utah	5,328	5,108	6,325	6,203	5,208	5,557	811	817	17,672	17,684
Wyoming	1,656	1,600	2,257	2,225	5,605	5,777	144	166	9,662	9,768
Pacific Contiguous	**96,609**	**93,685**	**112,191**	**102,158**	**57,353**	**71,506**	**8,890**	**12,173**	**275,043**	**279,522**
California [3]	59,555	56,925	83,322	73,241	38,014	48,719	5,641	8,992	186,532	187,877
Oregon	12,982	12,980	10,985	11,107	8,189	9,351	345	329	32,501	33,767
Washington	24,072	23,780	17,884	17,810	11,151	13,436	2,903	2,852	56,010	57,878
Pacific Noncontiguous	**3,486**	**3,347**	**3,930**	**3,924**	**3,595**	**3,536**	**192**	**188**	**11,203**	**10,996**
Alaska	1,415	1,363	1,639	1,671	881	802	152	149	4,087	3,986
Hawaii	2,072	1,985	2,290	2,253	2,715	2,734	40	39	7,117	7,010
U.S. Total	**974,773**	**938,605**	**853,299**	**826,829**	**729,650**	**753,080**	**83,074**	**88,677**	**2,640,796**	**2,607,190**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] A major utility in Maryland reclassified consumers from commercial class to industrial in July 2002.

[3] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 48. Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, 1990 Through September 2002

(Million Dollars)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1990	**72,378**	**55,117**	**44,857**	**5,891**	**178,243**
1991	**76,828**	**57,655**	**45,737**	**6,138**	**186,359**
1992	**76,848**	**58,343**	**46,993**	**6,296**	**188,480**
1993	**82,814**	**61,521**	**47,357**	**6,528**	**198,220**
1994	**84,552**	**63,396**	**48,069**	**6,689**	**202,706**
1995	**87,610**	**66,365**	**47,175**	**6,567**	**207,717**
1996	**90,501**	**67,827**	**47,385**	**6,741**	**212,455**
1997	**90,694**	**70,482**	**46,772**	**7,110**	**215,059**
1998	**93,164**	**71,769**	**46,549**	**6,864**	**218,346**
1999	**93,313**	**71,680**	**46,355**	**6,790**	**218,137**
2000					
January	8,383	5,782	3,703	550	18,418
February	7,590	5,594	3,656	555	17,396
March	6,848	5,691	3,808	546	16,893
April	6,215	5,524	3,734	548	16,021
May	6,956	6,259	4,089	576	17,880
June	8,898	7,258	4,378	630	21,164
July	10,285	7,640	4,451	647	23,024
August	10,681	8,120	4,781	681	24,263
September	9,238	7,297	4,387	677	21,600
October	7,373	6,699	4,241	616	18,929
November	6,892	6,091	4,027	569	17,579
December	8,850	6,448	4,114	584	19,996
Total	**98,209**	**78,405**	**49,369**	**7,179**	**233,163**
2001					
January	9,933	6,690	4,153	571	21,347
February	8,121	6,153	3,980	561	18,815
March	7,762	6,464	4,075	571	18,871
April	7,015	6,262	4,033	559	17,870
May	7,188	6,764	4,284	602	18,838
June	8,901	7,741	4,446	671	21,758
July	10,777	8,575	4,592	703	24,648
August	11,514	8,820	4,728	744	25,805
September	9,359	7,951	4,365	711	22,386
October	7,537	7,407	4,193	663	19,800
November	6,876	6,440	3,835	589	17,740
December	7,989	6,550	3,740	574	18,852
Total	**102,972**	**85,816**	**50,423**	**7,519**	**246,730**
2002					
January	9,391	6,693	3,682	581	20,347
February	7,939	6,272	3,528	540	18,279
March	7,891	6,542	3,624	547	18,605
April	7,256	6,514	3,683	580	18,033
May	7,583	7,158	3,823	576	19,140
June	9,139	8,207	4,145	638	22,129
July	11,717	9,144	4,406	667	25,934
August	11,694	8,973	4,448	666	25,782
September	9,922	8,196	4,187	669	22,974
Total	**82,533**	**67,700**	**35,526**	**5,464**	**191,223**
Year to Date					
2002	**82,533**	**67,700**	**35,526**	**5,464**	**191,223**
2001	**80,571**	**65,420**	**38,655**	**5,693**	**190,338**
2000	**75,095**	**59,168**	**36,987**	**5,409**	**176,659**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Revenue values for 1999 - 2001 include energy service provider (power marketer) data. • Values for 2000 have been adjusted to reflect the Form EIA-861 annual total. See technical notes for methodology. • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Values for 1996 in the commercial and industrial sectors for Maryland, the South Atlantic Census Division, and the U.S. Total reflect an electric utility's reclassification for this information by Standard Industrial Classification (SIC). • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Sources: • 2001-2002: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." • 1990-2000: Form EIA-861,"Annual Electric Utility Report."

Table 49. Estimated Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, September 2002 and 2001

(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**396**	**397**	**427**	**464**	**151**	**170**	**18**	**16**	**992**	**1,047**
Connecticut	104	100	98	94	34	34	5	4	240	233
Maine [3]	41	39	31	47	10	20	1	1	83	107
Massachusetts [3]	169	180	222	246	71	78	9	7	470	511
New Hampshire	36	32	35	32	17	18	1	1	89	84
Rhode Island [3]	25	27	23	26	9	10	2	1	59	64
Vermont	21	20	18	18	10	10	1	1	50	48
Mid Atlantic	**1,315**	**1,173**	**1,329**	**1,308**	**397**	**437**	**NM**	**87**	**3,163**	**3,006**
New Jersey	273	247	275	281	61	90	6	5	616	622
New York	628	569	716	732	117	109	NM	70	1,562	1,481
Pennsylvania	414	356	337	295	219	239	14	13	984	902
East North Central	**1,266**	**1,098**	**1,077**	**967**	**856**	**824**	**90**	**89**	**3,289**	**2,978**
Illinois	327	317	337	284	199	175	53	53	916	829
Indiana	186	162	117	107	163	156	5	5	471	431
Michigan	254	199	246	221	148	151	8	8	656	579
Ohio	354	298	267	253	243	244	19	19	883	814
Wisconsin	145	121	110	102	103	98	5	5	364	326
West North Central	**645**	**539**	**441**	**410**	**289**	**287**	**NM**	**34**	**1,420**	**1,270**
Iowa	102	80	55	46	63	62	9	8	228	196
Kansas	100	71	80	80	40	39	NM	4	224	194
Minnesota	135	116	95	88	83	86	5	5	317	295
Missouri	210	180	137	126	61	61	6	6	415	373
Nebraska	57	53	39	36	26	24	NM	9	139	121
North Dakota	19	18	17	17	9	8	NM	2	47	45
South Dakota	23	22	18	17	7	7	NM	2	50	47
South Atlantic	**2,369**	**2,257**	**1,465**	**1,525**	**677**	**612**	**130**	**128**	**4,641**	**4,522**
Delaware	35	33	28	26	17	19	1	1	81	78
District of Columbia	17	10	66	61	1	1	2	2	87	74
Florida	872	916	473	512	86	86	41	42	1,472	1,557
Georgia	372	332	234	225	128	119	12	13	747	689
Maryland [5]	178	155	118	170	84	37	7	7	386	369
North Carolina	378	357	248	270	144	140	14	14	784	782
South Carolina	200	188	116	89	113	109	5	5	434	391
Virginia	264	220	148	142	70	68	47	43	530	474
West Virginia	52	45	33	31	34	32	1	1	119	108
East South Central	**727**	**645**	**443**	**417**	**417**	**383**	**34**	**36**	**1,622**	**1,480**
Alabama	212	179	126	111	116	106	4	4	458	401
Kentucky	127	109	69	64	114	98	14	16	325	288
Mississippi	142	134	81	80	58	62	7	7	288	283
Tennessee	247	222	168	161	128	117	8	8	551	509
West South Central	**1,569**	**1,630**	**840**	**920**	**596**	**669**	**118**	**154**	**3,123**	**3,374**
Arkansas	129	125	56	58	67	71	5	5	258	259
Louisiana	234	212	128	122	123	106	18	19	503	460
Oklahoma	157	127	86	80	48	44	25	15	315	266
Texas	1,049	1,165	570	660	358	448	71	115	2,047	2,388
Mountain	**572**	**576**	**482**	**473**	**275**	**278**	**NM**	**49**	**1,376**	**1,377**
Arizona	249	248	162	162	52	55	NM	15	478	479
Colorado	97	102	94	105	40	46	NM	10	240	262
Idaho [2]	29	27	36	31	21	20	2	2	87	79
Montana	21	20	20	19	12	13	NM	2	56	54
Nevada	90	90	NM	55	85	82	NM	4	247	230
New Mexico	41	41	46	48	20	22	NM	12	118	123
Utah	34	38	41	39	23	20	NM	5	102	101
Wyoming	11	11	14	15	23	22	NM	1	49	48
Pacific Contiguous	**1,009**	**993**	**NM**	**1,410**	**488**	**662**	**NM**	**115**	**3,195**	**3,180**
California [4]	805	813	NM	1,240	387	569	NM	97	2,661	2,720
Oregon	82	69	87	65	50	40	4	3	222	177
Washington	122	110	123	105	51	53	16	15	312	282
Pacific Noncontiguous	**54**	**53**	**56**	**57**	**41**	**42**	**3**	**3**	**154**	**154**
Alaska	17	17	19	18	7	7	2	2	45	44
Hawaii	37	36	37	39	34	35	1	0	109	111
U.S. Total	**9,922**	**9,359**	**8,196**	**7,951**	**4,187**	**4,365**	**NM**	**711**	**22,974**	**22,386**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over September 2001.

[3] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cents/KWH).

[4] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[5] A major utility in Maryland reclassified consumers from commercial to industrial in July 2002.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 50. Relative Standard Error for Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census-Division, and State, September 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.3**	**0.3**	**0.9**	**1.7**	**0.4**
Connecticut	0.2	0.3	0.4	2.1	0.3
Maine	0.2	0.2	0.5	1.1	0.2
Massachusetts	0.5	0.5	1.5	1.6	0.7
New Hampshire	0.2	0.2	0.4	0.3	0.3
Rhode Island	0.2	0.1	0.3	0.1	0.2
Vermont	1.7	0.9	1.4	3.3	1.3
Mid Atlantic	**0.1**	**0.1**	**0.9**	**NM**	**0.8**
New Jersey	0.1	0.1	0.4	0.3	0.2
New York	0.1	0.2	1.8	NM	1.2
Pennsylvania	0.3	0.2	0.1	0.3	0.2
East North Central	**0.2**	**0.2**	**0.3**	**0.2**	**0.1**
Illinois	0.2	0.2	0.3	0.1	0.2
Indiana	0.3	0.3	0.4	1.3	0.2
Michigan	0.4	0.3	0.6	1.2	0.2
Ohio	0.2	0.2	0.4	0.4	0.2
Wisconsin	0.5	0.4	0.5	0.9	0.3
West North Central	**0.4**	**0.3**	**0.8**	**NM**	**0.4**
Iowa	1.0	1.1	1.5	2.0	0.7
Kansas	0.4	0.7	0.8	NM	0.4
Minnesota	1.0	0.6	1.0	2.7	0.5
Missouri	0.3	0.2	2.1	1.4	0.5
Nebraska	0.9	1.2	2.6	NM	1.2
North Dakota	1.4	1.5	4.9	NM	3.5
South Dakota	1.5	1.3	2.2	NM	2.2
South Atlantic	**0.5**	**0.4**	**0.6**	**0.7**	**0.4**
Delaware	0.5	0.6	0.8	0.8	0.6
District of Columbia	-	-	-	-	-
Florida	0.5	0.6	1.8	0.8	0.5
Georgia	0.9	0.5	0.8	2.6	0.6
Maryland	1.1	1.0	0.3	1.9	0.9
North Carolina	0.7	0.5	0.5	0.9	0.5
South Carolina	0.7	0.4	0.5	0.9	0.5
Virginia	0.5	0.3	0.6	0.2	0.4
West Virginia	0.1	0.0	0.1	0.5	0.1
East South Central	**0.2**	**0.2**	**0.7**	**1.2**	**0.3**
Alabama	0.6	0.4	2.4	3.4	0.8
Kentucky	0.4	0.4	0.6	0.2	0.3
Mississippi	0.5	0.4	0.5	5.0	0.4
Tennessee	0.3	0.3	0.8	0.6	0.3
West South Central	**0.4**	**0.6**	**0.4**	**3.1**	**0.3**
Arkansas	0.4	0.6	1.3	3.4	0.7
Louisiana	0.5	0.4	0.1	1.4	0.2
Oklahoma	0.4	0.5	0.8	0.9	0.3
Texas	0.4	0.6	0.3	4.0	0.3
Mountain	**0.3**	**4.5**	**0.5**	**NM**	**0.6**
Arizona	0.2	0.2	0.9	NM	0.4
Colorado	0.8	0.7	1.4	NM	1.0
Idaho	0.5	0.4	0.8	9.7	0.7
Montana	1.5	0.9	1.4	NM	1.2
Nevada	0.5	NM	0.6	NM	1.8
New Mexico	0.9	0.9	2.4	NM	1.3
Utah	0.8	0.7	0.7	NM	0.9
Wyoming	1.2	1.0	0.7	NM	0.7
Pacific Contiguous	**0.5**	**NM**	**3.4**	**NM**	**2.7**
California	0.6	NM	3.8	NM	2.9
Oregon	0.7	0.8	2.3	6.3	1.0
Washington	0.8	1.0	5.7	4.5	1.6
Pacific Noncontiguous	**0.2**	**0.3**	**0.1**	**4.6**	**0.2**
Alaska	0.5	0.9	1.0	6.1	0.5
Hawaii	-	-	-	-	-
U.S. Average	**0.2**	**4.8**	**0.5**	**NM**	**0.5**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 51. Estimated Revenue from U.S. Electric Utility Retail Sales to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date (September) 2002 and 2001

(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**3,687**	**3,878**	**3,700**	**3,849**	**1,330**	**1,616**	**162**	**137**	**8,879**	**9,480**
Connecticut	1,026	992	887	866	312	320	41	38	2,265	2,216
Maine [2]	366	379	306	359	104	205	10	9	786	952
Massachusetts [2]	1,532	1,696	1,836	1,888	598	719	79	61	4,045	4,365
New Hampshire	348	364	300	314	147	175	12	14	807	867
Rhode Island [2]	218	254	208	260	77	102	15	10	518	626
Vermont	197	193	163	161	93	95	6	5	458	454
Mid Atlantic	**10,674**	**10,261**	**10,936**	**10,823**	**3,672**	**3,789**	**943**	**731**	**26,225**	**25,603**
New Jersey	2,211	2,076	2,462	2,409	659	786	55	41	5,388	5,313
New York	4,809	4,760	5,707	5,818	933	950	769	576	12,218	12,104
Pennsylvania	3,654	3,425	2,768	2,596	2,079	2,052	118	114	8,618	8,186
East North Central	**11,414**	**10,877**	**9,258**	**8,752**	**7,352**	**7,361**	**750**	**765**	**28,774**	**27,755**
Illinois	2,978	2,913	2,777	2,437	1,651	1,502	413	432	7,819	7,285
Indiana	1,638	1,553	992	949	1,427	1,409	45	44	4,103	3,954
Michigan	2,248	2,077	2,163	2,095	1,316	1,376	75	73	5,803	5,620
Ohio	3,216	3,099	2,388	2,377	2,084	2,208	171	173	7,859	7,858
Wisconsin	1,334	1,235	938	894	873	866	45	42	3,190	3,037
West North Central	**5,462**	**5,244**	**3,831**	**3,825**	**2,464**	**2,490**	**323**	**308**	**12,079**	**11,867**
Iowa	854	813	436	436	523	544	74	73	1,887	1,867
Kansas	780	759	645	619	343	355	35	35	1,803	1,768
Minnesota	1,183	1,150	866	940	706	710	42	43	2,797	2,842
Missouri	1,781	1,700	1,263	1,222	540	553	53	51	3,636	3,526
Nebraska	471	441	320	306	220	206	89	78	1,100	1,031
North Dakota	178	175	157	152	75	69	14	14	425	409
South Dakota	215	207	143	151	57	53	15	14	430	424
South Atlantic	**19,090**	**18,629**	**12,230**	**12,311**	**5,348**	**5,332**	**1,113**	**1,075**	**37,781**	**37,347**
Delaware	268	258	211	195	135	133	7	7	620	594
District of Columbia	122	110	496	483	10	11	19	13	647	617
Florida	6,666	6,720	3,871	3,965	755	746	339	332	11,631	11,763
Georgia	2,906	2,785	1,943	1,986	1,044	1,130	109	108	6,002	6,008
Maryland	1,548	1,507	1,222	1,310	409	333	67	54	3,246	3,204
North Carolina	3,109	2,983	1,953	1,917	1,139	1,137	113	110	6,314	6,147
South Carolina	1,601	1,551	909	878	934	921	46	46	3,489	3,395
Virginia	2,381	2,237	1,339	1,295	615	614	407	400	4,742	4,547
West Virginia	489	477	287	281	308	307	6	6	1,089	1,072
East South Central	**5,716**	**5,495**	**3,548**	**3,415**	**3,609**	**3,452**	**284**	**280**	**13,157**	**12,643**
Alabama	1,675	1,570	1,010	966	1,003	976	38	36	3,726	3,548
Kentucky	1,084	1,031	586	565	1,034	887	117	116	2,821	2,599
Mississippi	1,011	1,008	624	619	498	523	57	58	2,189	2,208
Tennessee	1,946	1,886	1,328	1,265	1,074	1,066	73	71	4,422	4,288
West South Central	**11,487**	**12,094**	**6,937**	**7,426**	**4,928**	**6,332**	**973**	**1,193**	**24,326**	**27,044**
Arkansas	892	937	413	433	535	580	39	41	1,878	1,992
Louisiana	1,587	1,729	961	1,097	976	1,341	136	167	3,660	4,334
Oklahoma	1,066	1,182	590	691	379	456	138	134	2,173	2,463
Texas	7,942	8,246	4,973	5,204	3,038	3,955	660	850	16,614	18,256
Mountain	**4,712**	**4,529**	**3,934**	**3,738**	**2,333**	**2,355**	**380**	**371**	**11,360**	**10,993**
Arizona	1,748	1,726	1,253	1,256	438	470	116	113	3,557	3,565
Colorado	847	820	798	788	343	355	74	73	2,063	2,036
Idaho [4]	344	297	320	260	228	201	14	12	906	770
Montana	216	200	175	162	102	151	19	18	512	531
Nevada	739	694	522	426	646	562	28	27	1,934	1,709
New Mexico	347	338	390	385	179	219	89	88	1,005	1,030
Utah	358	347	348	343	197	199	32	33	935	923
Wyoming	114	106	129	118	199	198	7	7	449	429
Pacific Contiguous	**9,805**	**9,080**	**12,847**	**10,783**	**4,138**	**5,554**	**509**	**809**	**27,299**	**26,226**
California [3]	7,270	6,885	10,968	9,216	3,283	4,432	334	662	21,854	21,196
Oregon	966	811	755	586	402	398	32	26	2,154	1,820
Washington	1,569	1,383	1,125	981	454	724	143	121	3,291	3,209
Pacific Noncontiguous	**485**	**484**	**480**	**498**	**353**	**373**	**26**	**25**	**1,343**	**1,380**
Alaska	173	164	168	169	68	61	21	20	430	414
Hawaii	312	320	311	329	284	312	5	6	913	966
U.S. Total	**82,533**	**80,571**	**67,700**	**65,420**	**35,526**	**38,655**	**5,464**	**5,693**	**191,223**	**190,338**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cents/KWH).

[3] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[4] Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over September 2001.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 52. U.S. Electric Utility Average Revenue per Kilowatthour by Sector, 1990 Through September 2002

(Cents)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1990	**7.83**	**7.34**	**4.74**	**6.40**	**6.57**
1991	**8.04**	**7.53**	**4.83**	**6.51**	**6.75**
1992	**8.21**	**7.66**	**4.83**	**6.74**	**6.82**
1993	**8.32**	**7.74**	**4.85**	**6.88**	**6.93**
1994	**8.38**	**7.73**	**4.77**	**6.84**	**6.91**
1995	**8.40**	**7.69**	**4.66**	**6.88**	**6.89**
1996	**8.36**	**7.64**	**4.60**	**6.91**	**6.86**
1997	**8.43**	**7.59**	**4.53**	**6.91**	**6.85**
1998	**8.26**	**7.41**	**4.48**	**6.63**	**6.74**
1999	**8.16**	**7.26**	**4.43**	**6.35**	**6.66**
2000					
January	7.66	6.93	4.31	6.20	6.40
February	7.71	6.96	4.32	6.44	6.39
March	8.09	7.03	4.31	6.45	6.44
April	8.15	7.05	4.32	6.74	6.43
May	8.34	7.25	4.51	6.42	6.64
June	8.56	7.70	4.75	6.74	7.06
July	8.61	7.76	4.95	6.65	7.25
August	8.63	7.93	5.07	6.66	7.34
September	8.51	7.73	4.84	6.71	7.11
October	8.49	7.67	4.74	6.66	6.94
November	8.15	7.34	4.59	6.40	6.66
December	7.82	7.52	4.88	6.57	6.85
Average	**8.24**	**7.43**	**4.64**	**6.56**	**6.81**
2001					
January	7.74	7.35	5.02	6.08	6.85
February	8.05	7.53	4.87	6.33	6.88
March	8.31	7.68	4.91	6.38	7.00
April	8.47	7.71	4.90	6.40	7.01
May	8.83	7.72	5.02	6.50	7.15
June	9.03	8.08	5.22	6.49	7.51
July	9.01	8.37	5.51	6.62	7.80
August	8.97	8.33	5.44	6.58	7.77
September	8.89	8.21	5.28	6.34	7.56
October	8.86	8.28	5.05	6.70	7.40
November	8.48	7.74	4.78	6.45	6.99
December	8.30	7.66	4.81	6.42	7.02
Average	**8.57**	**7.91**	**5.07**	**6.45**	**7.26**
2002					
January	7.99	7.58	4.81	6.51	6.98
February	8.14	7.62	4.73	6.53	6.96
March	8.14	7.69	4.75	6.51	6.97
April	8.28	7.54	4.67	6.81	6.90
May	8.63	7.73	4.66	6.70	7.06
June	8.72	8.17	5.04	6.76	7.45
July	8.79	8.35	5.13	6.53	7.65
August	8.73	8.29	5.07	6.44	7.57
September	8.62	8.18	4.91	6.43	7.39
Average	**8.47**	**7.93**	**4.87**	**6.58**	**7.24**
Year to Date Average					
2002	**8.47**	**7.93**	**4.87**	**6.58**	**7.24**
2001	**8.58**	**7.91**	**5.13**	**6.42**	**7.30**
2000	**8.27**	**7.40**	**4.61**	**6.56**	**6.81**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Values for 2000 have been adjusted to reflect the Form EIA-861 annual total. See technical notes for methodology. Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Values for 1996 in the commercial and industrial sectors for Maryland, the South Atlantic Census Division, and the U.S. Total reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC). • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Sources: • 1990-2000: Form EIA-861,"Annual Electric Utility Report." • 2001-2002: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 53. Estimated U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, September 2002 and 2001

(Cents)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**11.0**	**12.2**	**10.0**	**11.6**	**7.5**	**8.0**	**13.6**	**12.2**	**9.9**	**11.0**
Connecticut	10.9	11.1	9.3	9.4	7.7	7.7	9.9	9.2	9.6	9.7
Maine[3]	13.5	13.3	9.5	14.5	3.3	4.8	22.9	21.8	8.9	10.3
Massachusetts [3]	10.5	12.7	10.7	12.9	8.4	9.6	14.4	13.0	10.3	12.2
New Hampshire	11.4	11.3	9.8	9.8	8.9	8.7	11.6	12.4	10.2	10.1
Rhode Island [3]	10.2	12.4	8.3	10.0	8.2	9.3	27.1	23.0	9.2	10.9
Vermont	12.9	12.6	11.0	10.9	7.8	7.8	17.1	14.3	10.9	10.6
Mid Atlantic	**11.8**	**11.9**	**10.4**	**10.9**	**5.8**	**6.1**	**NM**	**6.3**	**9.9**	**9.9**
New Jersey	10.8	11.1	8.8	9.4	7.5	8.3	16.6	11.3	9.5	9.8
New York	14.4	14.2	12.9	13.5	4.9	5.0	NM	5.7	11.7	11.5
Pennsylvania	9.7	9.8	8.2	8.1	5.9	6.0	11.7	11.0	8.1	8.0
East North Central	**8.4**	**8.6**	**7.6**	**7.2**	**4.7**	**4.8**	**6.4**	**5.1**	**6.7**	**6.6**
Illinois	8.9	9.2	8.8	8.1	5.9	5.2	6.2	5.8	7.8	7.4
Indiana	7.0	7.7	6.0	4.7	3.9	4.5	9.8	1.3	5.3	5.2
Michigan	8.7	8.5	7.6	7.7	4.9	5.0	10.9	10.6	7.1	7.0
Ohio	8.6	8.7	7.7	8.1	4.7	4.8	5.2	5.5	6.7	6.8
Wisconsin	8.2	8.1	6.7	6.6	4.4	4.4	7.8	7.6	6.2	6.1
West North Central	**7.7**	**7.7**	**6.1**	**6.1**	**4.4**	**4.5**	**5.4**	**6.2**	**6.2**	**6.2**
Iowa	8.9	8.8	7.2	7.1	4.5	4.6	6.2	6.0	6.6	6.4
Kansas	8.0	8.1	6.4	6.4	4.7	4.7	NM	7.3	6.6	6.4
Minnesota	7.7	7.7	5.8	5.7	4.4	4.6	7.7	6.9	5.9	5.9
Missouri	7.2	7.3	5.8	5.9	4.6	4.6	6.3	6.5	6.2	6.2
Nebraska	7.6	7.3	6.0	6.0	4.0	4.0	NM	6.4	5.8	5.9
North Dakota	7.3	7.5	6.0	6.3	NM	4.1	NM	4.3	5.8	6.0
South Dakota	8.0	8.0	6.6	6.6	4.6	4.7	NM	4.3	6.5	6.6
South Atlantic	**8.1**	**8.3**	**6.7**	**6.8**	**4.4**	**4.5**	**6.4**	**6.5**	**6.8**	**7.0**
Delaware	9.3	9.3	7.9	7.7	4.5	5.5	18.5	13.7	7.3	7.5
District of Columbia	9.1	8.5	8.5	8.5	5.4	5.5	6.6	6.8	8.5	8.4
Florida	8.1	8.8	6.5	7.2	5.2	5.5	7.5	7.7	7.3	7.9
Georgia	8.1	8.1	6.6	6.6	4.2	4.3	8.3	8.6	6.6	6.6
Maryland	8.3	8.4	8.7	7.4	4.4	4.3	11.2	9.4	7.1	7.3
North Carolina	8.4	8.4	6.7	7.3	4.9	5.1	6.7	6.7	6.9	7.2
South Carolina	7.8	7.7	6.5	5.1	4.0	4.0	6.3	6.1	6.0	5.6
Virginia	7.9	7.9	5.7	5.8	4.0	4.2	5.0	5.0	6.2	6.1
West Virginia	6.3	6.3	5.3	5.3	3.8	3.7	10.8	10.7	5.1	5.0
East South Central	**6.7**	**6.6**	**6.3**	**6.2**	**3.9**	**3.8**	**6.2**	**6.9**	**5.6**	**5.5**
Alabama	7.2	7.0	6.7	6.4	4.0	3.7	7.0	7.1	5.9	5.6
Kentucky	5.8	5.7	5.3	5.2	3.2	3.1	4.6	5.6	4.4	4.4
Mississippi	7.4	7.7	6.9	7.2	4.5	4.7	8.7	9.2	6.4	6.7
Tennessee	6.4	6.3	6.3	6.1	4.4	4.4	9.0	9.0	5.8	5.7
West South Central	**8.2**	**8.6**	**7.3**	**7.1**	**4.4**	**5.0**	**6.3**	**7.2**	**6.8**	**7.1**
Arkansas	7.6	8.0	6.0	6.3	4.5	4.7	6.9	7.1	6.1	6.4
Louisiana	7.6	7.5	6.8	6.9	4.6	4.6	6.7	7.5	6.4	6.4
Oklahoma	7.3	6.8	7.1	5.1	5.1	3.9	6.3	5.2	6.7	5.5
Texas	8.7	9.2	7.5	7.6	4.3	5.3	6.2	7.6	7.0	7.6
Mountain	**8.4**	**8.4**	**6.9**	**6.8**	**5.3**	**5.1**	**NM**	**4.5**	**6.8**	**6.8**
Arizona	8.8	8.8	7.7	7.7	5.5	5.7	NM	3.4	7.6	7.6
Colorado	7.6	8.1	5.9	6.4	4.5	4.9	NM	6.2	6.1	6.5
Idaho [4]	6.9	6.4	5.7	5.4	4.0	3.3	5.6	5.3	5.5	4.9
Montana	7.8	7.2	6.2	5.9	4.2	4.4	NM	7.7	6.0	5.9
Nevada	9.7	9.2	NM	8.5	9.5	8.1	NM	5.9	9.4	8.6
New Mexico	8.8	9.1	7.3	7.6	4.6	5.0	NM	4.8	6.7	6.9
Utah	6.9	6.7	5.6	5.3	3.7	3.3	NM	3.9	5.3	5.0
Wyoming	7.6	8.0	5.7	5.0	3.7	3.6	NM	5.3	4.8	4.6
Pacific Contiguous	**9.9**	**10.8**	**NM**	**12.4**	**7.3**	**9.3**	**NM**	**7.0**	**10.0**	**10.9**
California [2]	11.2	12.9	NM	15.0	9.0	11.4	NM	7.7	11.6	13.0
Oregon	7.4	6.5	6.9	5.3	5.1	4.1	8.8	8.0	6.6	5.4
Washington	6.4	6.1	6.2	5.7	NM	4.8	5.2	4.1	5.6	5.5
Pacific Noncontiguous	**14.3**	**14.5**	**12.4**	**12.6**	**10.1**	**10.4**	**14.2**	**14.6**	**12.2**	**12.5**
Alaska	12.2	12.2	10.1	10.0	7.5	7.1	14.4	14.4	10.4	10.2
Hawaii	15.5	15.9	14.0	14.4	10.8	11.3	13.4	15.3	13.2	13.7
U.S. Average	**8.62**	**8.89**	**8.18**	**8.21**	**4.91**	**5.28**	**6.43**	**6.34**	**7.39**	**7.56**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[3] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cent/KWH).

[4] Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over September 2001.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 54. Relative Standard Error for U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, September 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.6**	**0.4**	**1.4**	**1.3**	**0.5**
Connecticut	0.4	0.4	0.6	1.9	0.4
Maine	0.3	0.2	0.6	0.7	0.3
Massachusetts	1.1	0.6	2.5	1.7	0.9
New Hampshire	0.4	0.3	0.7	0.4	0.4
Rhode Island	0.4	0.1	0.5	0.1	0.3
Vermont	3.2	1.0	2.1	3.4	1.7
Mid Atlantic	**0.3**	**0.1**	**1.1**	**NM**	**1.1**
New Jersey	0.3	0.2	0.7	0.3	0.2
New York	0.1	0.1	2.8	NM	1.5
Pennsylvania	0.6	0.2	0.2	0.3	0.3
East North Central	**0.4**	**0.5**	**0.8**	**0.4**	**0.3**
Illinois	0.5	0.3	0.5	0.2	0.4
Indiana	1.0	0.6	0.9	2.0	0.8
Michigan	0.7	1.1	2.1	1.6	0.4
Ohio	0.6	0.4	0.8	0.6	0.6
Wisconsin	1.0	1.1	3.5	2.0	0.5
West North Central	**0.8**	**0.9**	**2.7**	**8.3**	**0.6**
Iowa	1.9	2.8	6.1	2.6	1.1
Kansas	1.0	2.5	1.6	NM	0.8
Minnesota	1.9	2.1	4.0	3.7	0.9
Missouri	1.1	0.5	2.6	1.8	1.0
Nebraska	1.3	2.1	5.9	NM	2.3
North Dakota	2.1	2.5	NM	NM	4.0
South Dakota	2.3	2.3	6.3	NM	3.3
South Atlantic	**1.3**	**0.7**	**0.7**	**1.1**	**0.9**
Delaware	0.8	0.8	1.2	0.9	0.7
District of Columbia	-	-	-	-	-
Florida	1.3	0.9	2.2	1.5	1.1
Georgia	2.2	0.9	1.0	3.1	1.3
Maryland	1.9	1.1	0.5	1.9	1.2
North Carolina	1.6	0.8	0.7	1.6	1.0
South Carolina	1.8	0.6	0.6	1.5	1.0
Virginia	1.2	0.6	0.8	0.4	0.8
West Virginia	0.2	0.1	0.1	0.9	0.2
East South Central	**0.7**	**0.7**	**1.1**	**2.0**	**0.6**
Alabama	1.5	0.7	2.9	4.0	1.3
Kentucky	1.5	1.0	1.3	0.3	1.2
Mississippi	1.4	2.6	1.4	9.0	0.9
Tennessee	0.9	0.8	1.7	1.1	1.0
West South Central	**1.1**	**3.3**	**0.8**	**5.5**	**0.8**
Arkansas	1.1	2.5	2.2	5.8	0.9
Louisiana	1.2	2.3	0.3	1.9	0.6
Oklahoma	1.2	2.2	1.2	1.4	0.7
Texas	1.1	3.4	0.8	7.0	0.8
Mountain	**0.8**	**7.7**	**0.6**	**NM**	**0.8**
Arizona	0.6	0.4	1.0	NM	0.5
Colorado	2.3	1.0	1.6	NM	1.3
Idaho	0.7	0.6	2.1	7.2	1.9
Montana	2.2	1.6	3.1	NM	2.6
Nevada	0.2	NM	0.6	NM	2.9
New Mexico	2.7	1.4	2.7	NM	1.8
Utah	2.2	1.1	0.8	NM	1.2
Wyoming	1.8	1.8	1.9	NM	1.9
Pacific Contiguous	**0.3**	**NM**	**3.8**	**NM**	**3.8**
California	0.3	NM	4.0	NM	4.5
Oregon	0.9	1.0	6.6	4.3	3.1
Washington	0.9	1.3	NM	3.9	4.2
Pacific Noncontiguous	**0.2**	**0.3**	**0.3**	**4.9**	**0.2**
Alaska	0.6	1.0	1.8	6.4	0.8
Hawaii	-	-	-	-	-
U.S. Average	**0.4**	**7.0**	**0.7**	**6.2**	**0.7**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 55. Estimated U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date (September) 2002 and 2001

(Cents)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**11.1**	**12.0**	**9.9**	**10.4**	**7.4**	**8.3**	**13.6**	**12.3**	**9.9**	**10.5**
Connecticut	11.0	10.9	9.3	9.2	7.7	7.7	9.7	9.3	9.7	9.6
Maine[3]	12.2	12.9	10.7	12.4	3.9	5.9	22.6	21.5	9.2	10.2
Massachusetts [3]	10.9	12.3	10.1	10.5	8.1	9.3	14.8	12.8	10.1	10.9
New Hampshire	11.7	12.6	9.9	10.6	8.8	9.2	11.8	14.1	10.4	11.0
Rhode Island [3]	10.1	12.3	8.4	10.7	7.8	9.7	25.2	19.7	9.1	11.2
Vermont	12.7	12.5	11.1	11.1	7.8	7.8	16.2	14.7	10.8	10.7
Mid Atlantic	**11.3**	**11.4**	**10.2**	**10.4**	**5.8**	**5.9**	**8.2**	**6.1**	**9.5**	**9.5**
New Jersey	10.6	10.4	9.2	9.2	7.7	8.3	15.3	11.2	9.5	9.5
New York	13.5	14.1	12.2	12.5	5.0	5.1	7.6	5.6	11.0	11.1
Pennsylvania	9.7	9.5	8.3	8.3	5.9	5.7	11.4	9.2	8.0	7.8
East North Central	**8.1**	**8.2**	**7.5**	**7.2**	**4.7**	**4.6**	**6.2**	**6.0**	**6.6**	**6.5**
Illinois	8.5	8.9	8.3	7.4	5.6	4.7	5.7	5.5	7.5	6.9
Indiana	6.9	6.9	6.0	5.8	4.0	4.0	9.7	5.7	5.4	5.3
Michigan	8.5	8.5	7.6	7.6	4.9	5.2	11.4	11.2	7.0	7.1
Ohio	8.2	8.4	7.7	7.9	4.7	4.7	5.4	5.8	6.7	6.7
Wisconsin	8.1	7.9	6.5	6.4	4.4	4.4	8.0	7.7	6.2	6.1
West North Central	**7.5**	**7.5**	**6.2**	**6.2**	**4.3**	**4.5**	**6.2**	**5.9**	**6.1**	**6.1**
Iowa	8.4	8.5	6.7	6.9	4.1	4.3	6.4	6.3	6.2	6.3
Kansas	7.7	7.7	6.3	6.3	4.6	4.6	7.6	7.5	6.4	6.4
Minnesota	7.6	7.7	6.0	6.1	4.3	4.7	8.1	7.7	5.9	6.2
Missouri	7.3	7.1	6.1	6.1	4.7	4.7	6.2	6.1	6.3	6.2
Nebraska	6.8	6.5	5.7	5.5	3.9	3.8	5.9	5.3	5.6	5.4
North Dakota	6.6	6.6	6.2	6.0	4.0	3.9	4.2	3.9	5.7	5.6
South Dakota	7.6	7.5	6.3	6.6	4.6	4.5	4.1	3.8	6.4	6.4
South Atlantic	**8.0**	**8.1**	**6.5**	**6.6**	**4.3**	**4.4**	**6.5**	**6.4**	**6.6**	**6.7**
Delaware	8.8	8.6	7.4	6.9	4.3	4.3	16.5	14.1	6.9	6.6
District of Columbia	8.7	8.1	7.5	7.4	5.0	4.9	6.2	4.9	7.6	7.4
Florida	8.2	8.5	6.7	7.0	5.3	5.4	7.9	7.8	7.4	7.7
Georgia	7.8	7.9	6.5	6.7	4.0	4.4	8.7	8.6	6.4	6.6
Maryland	7.9	7.8	6.7	6.5	4.0	4.3	9.2	8.1	6.7	6.7
North Carolina	8.2	8.1	6.5	6.5	4.8	4.8	6.7	6.6	6.7	6.7
South Carolina	7.8	7.7	6.5	6.3	3.9	3.9	6.6	6.3	5.9	5.8
Virginia	7.8	7.7	5.9	5.8	4.1	4.2	5.0	5.1	6.2	6.1
West Virginia	6.2	6.2	5.4	5.4	3.8	3.7	10.9	10.7	5.1	5.1
East South Central	**6.6**	**6.5**	**6.3**	**6.2**	**3.8**	**3.9**	**6.3**	**6.3**	**5.4**	**5.4**
Alabama	7.1	7.0	6.7	6.6	3.9	3.9	7.3	7.0	5.7	5.7
Kentucky	5.6	5.5	5.3	5.1	3.2	3.2	4.6	4.6	4.3	4.3
Mississippi	7.3	7.4	6.8	7.0	4.4	4.5	9.1	9.2	6.3	6.4
Tennessee	6.4	6.3	6.4	6.3	4.2	4.4	8.9	8.7	5.7	5.7
West South Central	**7.8**	**8.5**	**6.7**	**7.6**	**4.5**	**5.3**	**6.8**	**7.4**	**6.5**	**7.2**
Arkansas	7.4	7.7	6.1	6.3	4.3	4.5	7.0	7.1	5.9	6.1
Louisiana	7.2	8.1	6.7	7.9	4.4	5.9	6.4	8.0	6.0	7.3
Oklahoma	6.7	7.4	5.8	6.5	3.9	4.6	5.3	5.8	5.7	6.3
Texas	8.2	8.8	6.8	7.8	4.8	5.3	7.4	7.6	6.8	7.4
Mountain	**7.9**	**7.8**	**6.6**	**6.5**	**5.0**	**4.8**	**4.7**	**4.7**	**6.5**	**6.4**
Arizona	8.3	8.4	7.4	7.5	5.3	5.4	3.6	3.7	7.2	7.3
Colorado	7.3	7.4	5.6	5.7	4.4	4.5	6.3	6.5	5.9	6.0
Idaho [4]	6.8	5.9	5.7	5.0	4.8	3.6	5.4	4.6	5.8	4.8
Montana	7.2	6.7	5.9	5.5	4.0	6.0	7.7	6.9	5.9	6.1
Nevada	9.3	9.0	9.0	8.4	7.4	6.6	6.0	6.0	8.5	7.8
New Mexico	8.6	8.7	7.3	7.5	4.7	5.5	5.0	5.0	6.7	6.9
Utah	6.7	6.8	5.5	5.5	3.8	3.6	4.0	4.1	5.3	5.2
Wyoming	6.9	6.6	5.7	5.3	3.6	3.4	5.1	4.5	4.6	4.4
Pacific Contiguous	**10.1**	**9.7**	**11.5**	**10.6**	**7.2**	**7.8**	**5.7**	**6.6**	**9.9**	**9.4**
California [2]	12.2	12.1	13.2	12.6	8.6	9.1	5.9	7.4	11.7	11.3
Oregon	7.4	6.3	6.9	5.3	4.9	4.3	9.3	7.8	6.6	5.4
Washington	6.5	5.8	6.3	5.5	4.1	5.4	4.9	4.2	5.9	5.5
Pacific Noncontiguous	**13.9**	**14.5**	**12.2**	**12.7**	**9.8**	**10.6**	**13.5**	**13.5**	**12.0**	**12.6**
Alaska	12.2	12.0	10.3	10.1	7.8	7.7	13.6	13.3	10.5	10.4
Hawaii	15.1	16.1	13.6	14.6	10.5	11.4	13.0	14.1	12.8	13.8
U.S. Average	**8.47**	**8.58**	**7.93**	**7.91**	**4.87**	**5.13**	**6.58**	**6.42**	**7.24**	**7.30**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[3] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cents/KWH).

[4] Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over September 2001.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Monthly Plant Aggregates: U.S. Electric Utility Net Generation and Fuel Consumption

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Alabama Elec Coop Inc	**330,507**	**-6**	**146,214**	**427**	**-**	**-**	**149**	**-**	**1,648**
Gantt (AL)	-	-	-	77	-	-	-	-	-
Lowman (AL)	330,507	-	-	-	-	-	149	-	-
McIntosh-CAES (AL)	-	-	5,268	-	-	-	-	-	39
McWilliams (AL)	-	-	140,946	-	-	-	-	-	1,609
Point A (AL)	-	-	-	350	-	-	-	-	-
Portland (FL)	-	-6	-	-	-	-	-	-	-
Alabama Power Co	**4,881,727**	**2,986**	**673,885**	**190,495**	**845,801**	**-**	**2,311**	**5**	**5,458**
Bankhead Dam (AL)	-	-	-	9,706	-	-	-	-	-
Barry (AL)	930,275	-	522,539	-	-	-	392	-	3,728
Farley (AL)	-	-	-	-	845,801	-	-	-	-
Gadsden New (AL)	42,663	-	1,792	-	-	-	24	-	24
Gaston, E C (AL)	1,085,270	1,498	-	-	-	-	433	3	-
GE Plastics (AL)	-	-	43,086	-	-	-	-	-	536
Gorgas (AL)	722,719	1,301	-	-	-	-	298	2	-
Greene County (AL)	317,772	187	53,918	-	-	-	128	*	666
H Neely Henry Dam (AL)	-	-	-	8,203	-	-	-	-	-
Harris (AL)	-	-	-	8,406	-	-	-	-	-
Holt Dam (AL)	-	-	-	9,925	-	-	-	-	-
Jordan (AL)	-	-	-	13,475	-	-	-	-	-
Lay Dam (AL)	-	-	-	24,798	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	16,076	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	13,907	-	-	-	-	-
Martin Dam (AL)	-	-	-	13,863	-	-	-	-	-
Miller (AL)	1,783,028	-	2,975	-	-	-	1,037	-	42
Mitchell Dam (AL)	-	-	-	20,920	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	9,826	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	25,894	-	-	-	-	-
Washington County (AL)	-	-	49,575	-	-	-	-	-	461
Weiss Dam (AL)	-	-	-	9,677	-	-	-	-	-
Yates Dam (AL)	-	-	-	5,819	-	-	-	-	-
Alaska Elec Lgt & Pwr Co	**-**	**3,011**	**-**	**22,306**	**-**	**-**	**-**	**8**	**-**
Annex Creek (AK)	-	-	-	2,508	-	-	-	-	-
Auke Bay (AK)	-	842	-	-	-	-	-	2	-
Gold Creek (AK)	-	-	-	732	-	-	-	-	-
Lemon Creek (AK)	-	2,169	-	-	-	-	-	6	-
Salmon Creek (AK)	-	-	-	3,350	-	-	-	-	-
Snettisham (AK)	-	-	-	15,716	-	-	-	-	-
Alexandria (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
D G Hunter (LA)	-	-	-	-	-	-	-	-	-
Amer Mun Power-Ohio Inc	**102,333**	**-**	**158**	**-**	**-**	**-**	**61**	**-**	**2**
Richard Gorsuch (OH)	102,333	-	158	-	-	-	61	-	2
Ameren-UE	**2,749,416**	**45,943**	**14,909**	**77,301**	**819,190**	**4,369**	**1,642**	**18**	**186**
Callaway (MO)	-	-	-	-	819,190	-	-	-	-
Howard Bend (MO)	-	40	-	-	-	-	-	*	-
Jefferson City (MO)	-	7	-	-	-	-	-	*	-
Keokuk (IA)	-	-	-	87,628	-	-	-	-	-
Kirksville (MO)	-	-	7	-	-	-	-	-	*
Labadie (MO)	1,235,855	738	-	-	-	-	738	1	-
Meramec (MO)	356,076	-	5,416	-	-	-	220	-	62
Mexico (MO)	-	31	-	-	-	-	-	*	-
Moberly (MO)	-	19	-	-	-	-	-	*	-
Moreau (MO)	-	19	-	-	-	-	-	*	-
Osage (MO)	-	-	-	6,401	-	-	-	-	-
Peno Creek (MO)	-	-	8,018	-	-	-	-	-	84
Portable (MO)	-	-	-	-	-	-	-	-	-
Rush Island (MO)	709,045	374	-	-	-	-	439	1	-
Sioux (MO)	448,440	44,641	-	-	-	4,369	245	16	-
Taum Sauk (MO)	-	-	-	-16,728	-	-	-	-	-
Venice No. 2 (IL)	-	74	1,452	-	-	-	-	*	39
Viaduct (MO)	-	-	16	-	-	-	-	-	1
Ames (City of)	**34,277**	**239**	**-**	**-**	**-**	**-**	**21**	**-**	**-**
Ames (IA)	34,277	108	-	-	-	-	21	*	-
Ames Gt (IA)	-	131	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Anchorage (City of)	**-**	**8**	**49,264**	**17,931**	**-**	**-**	**-**	**-**	**640**
Anchorage (AK)	-	5	4,779	-	-	-	-	*	79
Eklutna (AK)	-	-	-	17,931	-	-	-	-	-
GMS 2 (AK)	-	3	44,485	-	-	-	-	*	561
Appalachian Power Co	**2,425,581**	**6,100**	**-**	**813**	**-**	**-**	**990**	**10**	**-**
Amos, John E (WV)	887,907	4,417	-	-	-	-	357	8	-
Buck (VA)	-	-	-	1,508	-	-	-	-	-
Byllesby 2 (VA)	-	-	-	2,007	-	-	-	-	-
Claytor (VA)	-	-	-	6,504	-	-	-	-	-
Clinch River (VA)	341,483	320	-	-	-	-	139	1	-
Glen Lyn (VA)	163,813	670	-	-	-	-	67	1	-
Kanawha River (WV)	228,798	138	-	-	-	-	96	*	-
Leesville (VA)	-	-	-	1,282	-	-	-	-	-
London (WV)	-	-	-	2,628	-	-	-	-	-
Marmet (WV)	-	-	-	1,962	-	-	-	-	-
Mountaineer (WV)	803,580	555	-	-	-	-	332	1	-
Niagara (VA)	-	-	-	128	-	-	-	-	-
Reusens (VA)	-	-	-	726	-	-	-	-	-
Smith Mountain (VA)	-	-	-	-19,904	-	-	-	-	-
Winfield (WV)	-	-	-	3,972	-	-	-	-	-
Arizona Elec Pwr Coop Inc	**207,889**	**-**	**46,424**	**-**	**-**	**-**	**112**	**-**	**563**
Apache Station (AZ)	207,889	-	46,424	-	-	-	112	-	563
Arizona Public Service Co	**1,680,738**	**526**	**216,055**	**2,480**	**2,615,410**	**-**	**983**	**1**	**2,621**
Childs (AZ)	-	-	-	1,500	-	-	-	-	-
Cholla (AZ)	383,923	166	69	-	-	-	221	*	1
Fairview (AZ)	-	13	-	-	-	-	-	*	-
Four Corners (NM)	1,296,815	-	7,007	-	-	-	762	-	73
Irving (AZ)	-	-	-	980	-	-	-	-	-
Ocotillo (AZ)	-	-	44,074	-	-	-	-	-	631
Palo Verde (AZ)	-	-	-	-	2,615,410	-	-	-	-
Phoenix (AZ)	-	138	81,385	-	-	-	-	*	863
Saguaro (AZ)	-	-	37,851	-	-	-	-	-	500
Yucca (AZ)	-	209	45,669	-	-	-	-	1	554
Arkansas Elec Coop Corp	**-**	**8,156**	**22,074**	**21,271**	**-**	**-**	**-**	**15**	**255**
Bailey (AR)	-	4,228	1,616	-	-	-	-	8	19
Clyde Ellis (AR)	-	-	-	5,723	-	-	-	-	-
Dam #2 (AR)	-	-	-	10,410	-	-	-	-	-
Dam 9 (AR)	-	-	-	5,138	-	-	-	-	-
Fitzhugh (AR)	-	-	-	-	-	-	-	-	-
Fulton (AR)	-	-	-	-	-	-	-	-	-
Mc Clellan (AR)	-	3,928	20,458	-	-	-	-	7	237
Arkansas Power & Light Co	**1,897,690**	**1,887**	**164,501**	**4,111**	**1,264,140**	**-**	**1,169**	**5**	**1,774**
Arkansas Nuclear One(AR)	-	-	-	-	1,264,140	-	-	-	-
Blytheville (AR)	-	-	-	-	-	-	-	-	-
Carpenter (AR)	-	-	-	2,695	-	-	-	-	-
Couch, Harvey (AR)	-	-	3,705	-	-	-	-	-	59
Independence (AR)	1,042,092	1,050	-	-	-	-	626	3	-
L Catherine (AR)	-	-	150,451	-	-	-	-	-	1,572
Mablevale (AR)	-	-	-	-	-	-	-	-	-
Remmel (AR)	-	-	-	1,416	-	-	-	-	-
Ritchie, R E (AR)	-	-	10,345	-	-	-	-	-	143
White Bluff (AR)	855,598	837	-	-	-	-	543	2	-
Associated Elec Coop	**1,166,095**	**168**	**213,462**	**-**	**-**	**-**	**691**	**-**	**1,612**
Chouteau (MO)	-	-	135,082	-	-	-	-	-	1,003
Essex (MO)	-	-	-	-	-	-	-	-	-
Holden (MO)	-	-	5,372	-	-	-	-	-	62
Nadaway (MO)	-	-	558	-	-	-	-	-	7
New Madrid (MO)	457,200	128	-	-	-	-	272	*	-
St Francis (MO)	-	-	72,450	-	-	-	-	-	540
Thomas Hill (MO)	708,895	40	-	-	-	-	419	*	-
Unionville (MO)	-	-	-	-	-	-	-	*	-
Atlantic City Elec Co	**162,146**	**2,073**	**647**	**-**	**-**	**-**	**73**	**10**	**10**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Atlantic City Elec Co (Continued)									
Deepwater (NJ)	35,813	20	647	-	-	-	15	*	10
England, B L (NJ)	126,333	2,053	-	-	-	-	57	10	-
Austin (City of)	**-**	**-**	**288,055**	**-**	**-**	**-**	**-**	**-**	**3,042**
Decker Creek (TX)	-	-	202,895	-	-	-	-	-	2,127
Holly Street (TX)	-	-	58,752	-	-	-	-	-	639
Sandhill (TX)	-	-	26,408	-	-	-	-	-	275
Avista Corporation	**-**	**-**	**4,254**	**172,714**	**-**	**31,513**	**-**	**-**	**29**
Boulder Park (WA)	-	-	2,530	-	-	-	-	-	9
Cabinet Gorge (ID)	-	-	-	52,389	-	-	-	-	-
Kettle Fls (WA)	-	-	1,770	-	-	31,513	-	-	20
Little Falls (WA)	-	-	-	7,429	-	-	-	-	-
Long Lake (WA)	-	-	-	18,234	-	-	-	-	-
Monroe Street (WA)	-	-	-	3,143	-	-	-	-	-
Nine Mile (WA)	-	-	-	5,355	-	-	-	-	-
Northeast (WA)	-	-	-	-	-	-	-	-	-
Noxon Rapids (MT)	-	-	-	77,627	-	-	-	-	-
Post Falls (ID)	-	-	-	3,665	-	-	-	-	-
Rathdrum (ID)	-	-	-46	-	-	-	-	-	-
Upper Falls (WA)	-	-	-	4,872	-	-	-	-	-
Basin Elec Power Coop	**1,926,617**	**1,514**	**-**	**-**	**-**	**490**	**1,403**	**3**	**-**
Antelope Valley (ND)	505,089	271	-	-	-	-	438	1	-
Laramie River (WY)	1,081,932	414	-	-	-	-	686	1	-
Leland Olds (ND)	339,596	829	-	-	-	-	278	2	-
Prairie Winds (ND)	-	-	-	-	-	490	-	-	-
Spirit Mound (SD)	-	-	-	-	-	-	-	-	-
Black Hills Pwr and Lt Co	**105,274**	**49**	**14,658**	**-**	**-**	**-**	**86**	**-**	**155**
French, Ben (SD)	12,699	-17	1,286	-	-	-	11	*	21
Neil Simpson 2 (WY)	60,917	-	13,372	-	-	-	43	-	134
Osage (WY)	18,629	-	-	-	-	-	21	-	-
Simpson, Neil (WY)	13,029	66	-	-	-	-	11	*	-
Braintree (City of)	**-**	**15**	**13,782**	**-**	**-**	**-**	**-**	**-**	**175**
Potter Station (MA)	-	15	13,782	-	-	-	-	*	175
Brazos Elec Pwr Coop Inc	**-**	**-**	**27,370**	**-**	**-**	**-**	**-**	**-**	**323**
Miller, R W (TX)	-	-	27,370	-	-	-	-	-	323
North Texas (TX)	-	-	-	-	-	-	-	-	-
Brownsville (City of)	**-**	**-**	**5,221**	**-**	**-**	**-**	**-**	**-**	**61**
Si Ray (TX)	-	-	5,221	-	-	-	-	-	61
Bryan (City of)	**-**	**-**	**25,589**	**-**	**-**	**-**	**-**	**-**	**305**
Bryan (TX)	-	-	543	-	-	-	-	-	11
Dansby (TX)	-	-	25,046	-	-	-	-	-	294
Burbank (City of)	**-**	**-**	**13,680**	**-**	**-**	**-**	**-**	**-**	**183**
Magnolia (CA)	-	-	191	-	-	-	-	-	2
Olive (CA)	-	-	13,489	-	-	-	-	-	181
Burlington (City of)	**-**	**128**	**280**	**-**	**-**	**22,673**	**-**	**-**	**3**
Burlington (VT)	-	103	-	-	-	-	-	*	-
J C McNeil (VT)	-	25	280	-	-	22,673	-	*	3
California (State of)	**-**	**-**	**-**	**232,482**	**-**	**-**	**-**	**-**	**-**
Alamo (CA)	-	-	-	180	-	-	-	-	-
Bottle Rock (CA)	-	-	-	-	-	-	-	-	-
Devil Canyon (CA)	-	-	-	108,663	-	-	-	-	-
Edw Hyatt (CA)	-	-	-	102,771	-	-	-	-	-
Mojave Siphon (CA)	-	-	-	7,098	-	-	-	-	-
Thermal Div (CA)	-	-	-	1,811	-	-	-	-	-
Thermalito (CA)	-	-	-	16,618	-	-	-	-	-
W E Warne (CA)	-	-	-	35,183	-	-	-	-	-
William R Gianelli (CA)	-	-	-	-39,842	-	-	-	-	-
Cardinal Operating Co	**647,400**	**815**	**-**	**-**	**-**	**-**	**266**	**1**	**-**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Cardinal Operating Co (Continued)									
Cardinal (OH)	647,400	815	-	-	-	-	266	1	-
Carolina Power & Light Co	**2,613,719**	**4,668**	**230,928**	**17,952**	**2,195,479**	**-**	**1,067**	**9**	**1,794**
Asheville (NC)	164,609	283	13,518	-	-	-	68	*	152
Blewett (NC)	-	-	-	2,038	-	-	-	-	-
Brunswick (NC)	-	-	-	-	1,032,812	-	-	-	-
Cape Fear (NC)	155,254	110	-	-	-	-	64	*	-
Darlington County (SC)	-	191	2,475	-	-	-	-	1	40
Harris (NC)	-	-	-	-	657,210	-	-	-	-
Lee (NC)	190,895	759	-	-	-	-	81	1	-
Marshall (NC)	-	-	-	313	-	-	-	-	-
Mayo (NC)	390,554	550	-	-	-	-	161	1	-
Morehead (NC)	-	53	-	-	-	-	-	1	-
Richmond (NC)	-	-	209,262	-	-	-	-	-	1,537
Robinson, H B (SC)	84,607	47	-	-	505,457	-	33	*	-
Rowan (NC)	-	-	-	-	-	-	-	-	-
Roxboro (NC)	1,305,768	1,069	-	-	-	-	517	2	-
Sutton (NC)	249,227	806	-	-	-	-	109	2	-
Tillery (NC)	-	-	-	2,031	-	-	-	-	-
Walters (NC)	-	-	-	13,570	-	-	-	-	-
Wayne County (NC)	-	594	5,673	-	-	-	-	1	65
Weatherspoon (NC)	72,805	206	-	-	-	-	34	1	-
Cedar Falls (City of)	**3,584**	**-**	**43**	**-**	**-**	**365**	**2**	**-**	**1**
Cedar Falls Gt (IA)	3,584	-	73	-	-	-	2	-	1
IDWGP (IA)	-	-	-	-	-	365	-	-	-
Streeter (IA)	-	-	-30	-	-	-	-	-	-
Cent NE Pub Pwr & Ir Dist	**-**	**-**	**-**	**13,510**	**-**	**-**	**-**	**-**	**-**
Jeffrey Canyon (NE)	-	-	-	3,981	-	-	-	-	-
Johnson No 1 (NE)	-	-	-	3,221	-	-	-	-	-
Johnson No 2 (NE)	-	-	-	3,975	-	-	-	-	-
Kingsley (NE)	-	-	-	2,333	-	-	-	-	-
Central Elec Pwr Coop	**38,353**	**16**	**-**	**-**	**-**	**-**	**25**	**-**	**-**
Chamois (MO)	38,353	16	-	-	-	-	25	*	-
Central Hudson Gas & Elec	**-**	**-**	**-**	**3,569**	**-**	**-**	**-**	**-**	**-**
Coxsackie (NY)	-	-	-	-	-	-	-	-	-
Dashville (NY)	-	-	-	187	-	-	-	-	-
High Falls (NY)	-	-	-	44	-	-	-	-	-
Neversink (NY)	-	-	-	2,816	-	-	-	-	-
South Cairo (NY)	-	-	-	-	-	-	-	-	-
Sturgeon Pool (NY)	-	-	-	522	-	-	-	-	-
Central Illinois Light Co	**484,668**	**726**	**4,184**	**-**	**-**	**-**	**231**	**1**	**22**
Duck Creek (IL)	156,376	272	-	-	-	-	77	1	-
E D Edwards (IL)	328,292	454	-	-	-	-	154	1	-
Pekin Cogen (IL)	-	-	4,184	-	-	-	-	-	22
Sterling Avenue (IL)	-	-	-	-	-	-	-	-	-
Central Illinois Public Service Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Coffeen (IL)	-	-	-	-	-	-	-	-	-
Grand Tower (IL)	-	-	-	-	-	-	-	-	-
Hutsonville (IL)	-	-	-	-	-	-	-	-	-
Meredosia (IL)	-	-	-	-	-	-	-	-	-
Newton (IL)	-	-	-	-	-	-	-	-	-
Central Iowa Power Coop	**29,518**	**5**	**5,497**	**-**	**-**	**-**	**16**	**-**	**70**
Fair Station (IA)	29,518	-	-	-	-	-	16	-	-
Summit Lake (IA)	-	5	5,497	-	-	-	-	*	70
Central Louisiana Elec Co	**735,639**	**-**	**199,856**	**-**	**-**	**-**	**533**	**-**	**2,110**
Dolet Hills (LA)	428,943	-	119	-	-	-	337	-	1
Franklin (LA)	-	-	1	-	-	-	-	-	*
Rodemacher (LA)	306,696	-	117,629	-	-	-	196	-	1,259
Teche (LA)	-	-	82,107	-	-	-	-	-	850
Central Operating Co	**328,927**	**778**	**-**	**-**	**-**	**-**	**139**	**1**	**-**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Central Operating Co (Continued)									
Sporn, Phil (WV)	328,927	778	-	-	-	-	139	1	-
Chelan Pub Util Dist #1	**-**	**-**	**-**	**543,624**	**-**	**-**	**-**	**-**	**-**
Chelan (WA)	-	-	-	24,309	-	-	-	-	-
Rock Island (WA)	-	-	-	156,677	-	-	-	-	-
Rocky Reach (WA)	-	-	-	362,638	-	-	-	-	-
Chillicothe (City of)	**-**	**-**	**110**	**-**	**-**	**-**	**-**	**-**	**5**
Chillicothe (MO)	-	-	110	-	-	-	-	-	5
Chugach Elec Assn Inc	**-**	**-**	**150,124**	**38,554**	**-**	**-**	**-**	**-**	**1,905**
Beluga (AK)	-	-	126,881	-	-	-	-	-	1,606
Bernice Lake (AK)	-	-	4,452	-	-	-	-	-	65
Bradley Lake (AK)	-	-	-	34,131	-	-	-	-	-
Cooper Lake (AK)	-	-	-	4,423	-	-	-	-	-
International (AK)	-	-	207	-	-	-	-	-	5
Soldotna (AK)	-	-	18,584	-	-	-	-	-	229
Cincinnati Gas Elec Co	**1,958,153**	**13,599**	**19,939**	**-**	**-**	**-**	**848**	**26**	**308**
Beckjord, Walter C (OH)	479,086	2,305	-	-	-	-	223	6	-
Dicks Creek (OH)	-	-	-	-	-	-	-	-	-
East Bend (KY)	229,363	1,752	-	-	-	-	111	4	-
Miami Fort (OH)	636,176	2,715	-	-	-	-	272	5	-
W. H. Zimmer (OH)	613,528	6,818	-	-	-	-	243	11	-
Woodsdale (OH)	-	9	19,939	-	-	-	-	*	308
Clarksdale (City of)	**-**	**-**	**4,435**	**-**	**-**	**-**	**-**	**-**	**53**
South (MS)	-	-	1,247	-	-	-	-	-	15
Third St (MS)	-	-	3,188	-	-	-	-	-	39
Cleveland (City of)	**-**	**85**	**437**	**-**	**-**	**-**	**-**	**-**	**12**
Collinwood (OH)	-	19	122	-	-	-	-	*	3
Lake Road (OH)	-	-	-	-	-	-	-	-	-
West 41st Street (OH)	-	66	315	-	-	-	-	*	9
Cleveland Elec Illum Co	**830,669**	**1,638**	**-**	**-19,821**	**594,820**	**-**	**422**	**2**	**-**
Ashtabula (OH)	132,950	303	-	-	-	-	86	1	-
Eastlake (OH)	635,321	1,146	-	-	-	-	293	2	-
Lake Shore (OH)	62,398	189	-	-	-	-	42	*	-
Perry (OH)	-	-	-	-	594,820	-	-	-	-
Seneca (PA)	-	-	-	-19,821	-	-	-	-	-
Coffeyville (City of)	**-**	**-**	**2,939**	**-**	**-**	**-**	**-**	**-**	**36**
Coffeyville (KS)	-	-	2,939	-	-	-	-	-	36
Colorado Springs(City of)	**278,789**	**118**	**21,605**	**6,660**	**-**	**-**	**152**	**-**	**321**
Drake, Martin (CO)	134,766	-	5,661	-	-	-	66	-	68
George Birdsal (CO)	-	21	14,391	-	-	-	-	*	232
Manitou (CO)	-	-	-	-4	-	-	-	-	-
Ray D. Nixon (CO)	144,023	97	1,553	-	-	-	86	*	22
Ruxton (CO)	-	-	-	-	-	-	-	-	-
Tesla (CO)	-	-	-	6,664	-	-	-	-	-
Columbia (City of)	**8,316**	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**
Columbia (MO)	8,316	-	-	-	-	-	5	-	-
Columbus Southern Pwr Co	**952,178**	**773**	**-**	**-**	**-**	**-**	**382**	**1**	**-**
Conesville (OH)	909,416	728	-	-	-	-	360	1	-
Picway (OH)	42,762	45	-	-	-	-	22	*	-
Consol Edison Co N Y Inc	**-**	**15,015**	**106,563**	**-**	**-**	**-**	**-**	**30**	**1,303**
59Th Street (NY)	-	3	-	-	-	-	-	*	-
74Th Street (NY)	-	22	-	-	-	-	-	*	-
Buchanan (NY)	-	-	-	-	-	-	-	-	-
East River (NY)	-	14,857	76,643	-	-	-	-	30	929
Hudson Avenue (NY)	-	133	-	-	-	-	-	*	-
Indian Point (NY)	-	-	-	-	-	-	-	-	-
Oil Storage (NY)	-	-	-	-	-	-	-	-	-
Oil Storage (NY)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Consol Edison Co N Y Inc (Continued)									
Waterside (NY)	-	-	29,920	-	-	-	-	-	374
Consolidated Water Pwr Co	**-**	**-**	**-**	**15,989**	**-**	**-**	**-**	**-**	**-**
Biron (WI)	-	-	-	2,859	-	-	-	-	-
Du Bay (WI)	-	-	-	4,398	-	-	-	-	-
Stevens Point (WI)	-	-	-	2,729	-	-	-	-	-
Wisconsin Rapids (WI)	-	-	-	4,807	-	-	-	-	-
Wisconsin River Di (WI)	-	-	-	1,196	-	-	-	-	-
Consumers Power Co	**1,818,544**	**25,709**	**28,964**	**-74,221**	**545,479**	**-**	**902**	**55**	**400**
Alcona (MI)	-	-	-	1,377	-	-	-	-	-
Allegan Dam (MI)	-	-	-	674	-	-	-	-	-
Campbell, J H (MI)	922,440	1,280	-	-	-	-	445	2	-
Cobb, B C (MI)	193,883	-	3,980	-	-	-	104	-	54
Cooke (MI)	-	-	-	1,327	-	-	-	-	-
Croton (MI)	-	-	-	1,677	-	-	-	-	-
Five Channels (MI)	-	-	-	1,271	-	-	-	-	-
Foote (MI)	-	-	-	1,664	-	-	-	-	-
Gaylord (MI)	-	-	-	-	-	-	-	-	-
Hardy (MI)	-	-	-	3,507	-	-	-	-	-
Hodenpyl (MI)	-	-	-	1,566	-	-	-	-	-
Karn, D E (MI)	332,996	24,185	23,642	-	-	-	165	53	329
Loud (MI)	-	-	-	989	-	-	-	-	-
Ludington (MI)	-	-	-	-93,802	-	-	-	-	-
Mio (MI)	-	-	-	734	-	-	-	-	-
Morrow, B E (MI)	-	-	-	-	-	-	-	-	-
Palisades (MI)	-	-	-	-	545,479	-	-	-	-
Rogers (MI)	-	-	-	1,136	-	-	-	-	-
Straits (MI)	-	-	-	-	-	-	-	-	-
Thetford (MI)	-	-	270	-	-	-	-	-	6
Tippy, C W (MI)	-	-	-	3,622	-	-	-	-	-
Weadock, J C (MI)	196,781	-	1,072	-	-	-	99	-	11
Webber (MI)	-	-	-	37	-	-	-	-	-
Whiting, J R (MI)	172,444	244	-	-	-	-	89	*	-
Cooperative Power Asso	**737,018**	**653**	**-**	**-**	**-**	**-**	**635**	**1**	**-**
Bonifacius (MN)	-	477	-	-	-	-	-	1	-
Coal Creek (ND)	737,018	176	-	-	-	-	635	*	-
Corn Belt Power Coop	**-87**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Wisdom, Earl F (IA)	-87	-	-	-	-	-	-	-	-
Dairyland Power Coop	**348,263**	**1,034**	**544**	**6,997**	**-**	**-**	**207**	**2**	**8**
Alma (WI)	43,143	69	-	-	-	-	24	*	-
Elk Mound (WI)	-	18	544	-	-	-	-	*	8
Flambeau (WI)	-	-	-	6,997	-	-	-	-	-
Genoa (WI)	128,279	620	-	-	-	-	62	1	-
J P Madgett (WI)	176,841	327	-	-	-	-	121	1	-
Dayton Pwr & Lgt Co (The)	**1,663,718**	**5,872**	**4,364**	**-**	**-**	**-**	**713**	**11**	**54**
Frank M Tait (OH)	-	-	2,043	-	-	-	-	-	27
Hutchings (OH)	87,493	-	2,321	-	-	-	41	-	26
Killen Station (OH)	326,128	1,217	-	-	-	-	135	2	-
Monument (OH)	-	-	-	-	-	-	-	-	-
Sidney (OH)	-	-	-	-	-	-	-	-	-
Stuart, J M (OH)	1,250,097	4,655	-	-	-	-	537	9	-
Yankee Street (OH)	-	-	-	-	-	-	-	-	-
Denton (City of)	**-**	**-**	**2,506**	**745**	**-**	**-**	**-**	**-**	**42**
Lewisdale (TX)	-	-	-	745	-	-	-	-	-
Roberts (TX)	-	-	-	-	-	-	-	-	-
Spencer (TX)	-	-	2,506	-	-	-	-	-	42
Deseret Gen & Trans Coop	**314,977**	**24**	**-**	**-**	**-**	**-**	**173**	**-**	**-**
Bonanza (UT)	314,977	24	-	-	-	-	173	*	-
Detroit (City of)	**-**	**1,049**	**17,814**	**-**	**-**	**-**	**-**	**5**	**249**
Mistersky (MI)	-	1,049	17,814	-	-	-	-	5	249

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Detroit Edison Co (The)	**3,171,686**	**37,868**	**125,654**	**-**	**761,918**	**-**	**1,556**	**67**	**2,103**
Beacon Heating (MI)	-	-	-839	-	-	-	-	-	-
Belle River (MI)	723,870	2,981	4,855	-	-	-	386	5	86
Central Storage (MI)	-	-	-	-	-	-	-	-	-
Colfax (MI)	-	19	-	-	-	-	-	*	-
Conners Creek (MI)	-	-	5,691	-	-	-	-	-	100
Dayton (MI)	-	-	-	-	-	-	-	-	-
Delray (MI)	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI)	-	65	-	-	761,918	-	-	1	-
Greenwood (MI)	-	28,927	102,112	-	-	-	-	52	1,139
Hancock (MI)	-	-	801	-	-	-	-	-	14
Harbor Beach (MI)	23,738	255	-	-	-	-	11	1	-
Marysville (MI)	-4	-	-4	-	-	-	-	-	-
Monroe (MI)	1,119,639	2,685	-	-	-	-	505	4	-
Northeast (MI)	-	-20	443	-	-	-	-	*	4
Oliver (MI)	-	-20	-	-	-	-	-	-	-
Placid (MI)	-	81	-	-	-	-	-	*	-
Putnam (MI)	-	153	-	-	-	-	-	*	-
River Rouge (MI)	300,363	41	11,055	-	-	-	135	*	745
Slocum (MI)	-	13	-	-	-	-	-	*	-
St. Clair (MI)	618,368	2,171	1,540	-	-	-	327	4	17
Superior (MI)	-	39	-	-	-	-	-	1	-
Trenton Channel (MI)	385,712	318	-	-	-	-	192	1	-
Wilmott (MI)	-	160	-	-	-	-	-	*	-
Douglas Pub Util Dist #1	**-**	**-**	**-**	**262,990**	**-**	**-**	**-**	**-**	**-**
Wells (WA)	-	-	-	262,990	-	-	-	-	-
Dover (City of)	**6,934**	**-**	**377**	**-**	**-**	**-**	**4**	**-**	**5**
Dover (OH)	6,934	-	377	-	-	-	4	-	5
Dover Electric Dept.	**-**	**4,638**	**991**	**-**	**-**	**-**	**-**	**8**	**15**
Mckee Run (DE)	-	4,167	462	-	-	-	-	7	8
Van Sant (DE)	-	471	529	-	-	-	-	1	7
Duke Power Co	**4,110,397**	**2,932**	**-709**	**-28,763**	**4,623,140**	**-**	**1,582**	**11**	**1**
99 Islands (SC)	-	-	-	886	-	-	-	-	-
Allen (NC)	573,512	1,415	-	-	-	-	228	2	-
Bad Creek (SC)	-	-	-	-68,366	-	-	-	-	-
Bear Creek (NC)	-	-	-	2,160	-	-	-	-	-
Belews Creek (NC)	1,473,931	536	-	-	-	-	545	1	-
Bridgewater (NC)	-	-	-	898	-	-	-	-	-
Bryson (NC)	-	-	-	181	-	-	-	-	-
Buck (NC)	150,152	-35	-	-	-	-	71	2	-
Buzzard Roost (SC)	-	-	-38	2,093	-	-	-	-	1
Catawba (SC)	-	-	-	-	1,660,580	-	-	-	-
Cedar Cliff (NC)	-	-	-	1,291	-	-	-	-	-
Cedar Creek (SC)	-	-	-	3,606	-	-	-	-	-
Cliffside (NC)	313,137	481	-	-	-	-	124	1	-
Cowans Ford (NC)	-	-	-	4,089	-	-	-	-	-
Dan River (NC)	62,868	-41	-	-	-	-	26	1	-
Dearborn (SC)	-	-	-	4,634	-	-	-	-	-
Dillsboro (NC)	-	-	-	32	-	-	-	-	-
Fishing Creek (SC)	-	-	-	3,928	-	-	-	-	-
Franklin (NC)	-	-	-	28	-	-	-	-	-
Gaston Shoals (SC)	-	-	-	311	-	-	-	-	-
Great Falls (SC)	-	-	-	90	-	-	-	-	-
Jocassee (SC)	-	-	-	-40,624	-	-	-	-	-
Keowee (SC)	-	-	-	1,512	-	-	-	-	-
Lee (SC)	124,732	-13	-	-	-	-	55	2	-
Lincoln (NC)	-	-	-671	-	-	-	-	-	-
Lookout Shoals (NC)	-	-	-	2,378	-	-	-	-	-
Marshall (NC)	1,187,970	684	-	-	-	-	439	1	-
Mc Guire (NC)	-	-	-	-	1,139,792	-	-	-	-
Mission (NC)	-	-	-	-3	-	-	-	-	-
Mountain Island (NC)	-	-	-	2,647	-	-	-	-	-
Nantahala (NC)	-	-	-	22,393	-	-	-	-	-
Oconee (SC)	-	-	-	-	1,822,768	-	-	-	-
Oxford (NC)	-	-	-	2,275	-	-	-	-	-
Queens Creek (NC)	-	-	-	106	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Duke Power Co (Continued)									
Rhodhiss (NC)	-	-	-	1,541	-	-	-	-	-
Riverbend (NC)	224,095	-95	-	-	-	-	95	1	-
Rocky Creek (SC)	-	-	-	72	-	-	-	-	-
Tennessee Creek (NC)	-	-	-	2,869	-	-	-	-	-
Thorpe (NC)	-	-	-	10,395	-	-	-	-	-
Tuckasegee (NC)	-	-	-	990	-	-	-	-	-
Tuxedo (NC)	-	-	-	969	-	-	-	-	-
Wateree (SC)	-	-	-	5,091	-	-	-	-	-
Wylie (SC)	-	-	-	2,765	-	-	-	-	-
East Kentucky Power Coop	**721,929**	**2,319**	**39,711**	**-**	**-**	**-**	**308**	**4**	**513**
Cooper (KY)	150,627	249	-	-	-	-	63	*	-
Dale (KY)	93,321	125	-	-	-	-	45	*	-
Smith (KY)	-	477	39,711	-	-	-	-	1	513
Spurlock, H L (KY)	477,981	1,468	-	-	-	-	200	3	-
El Paso Electric Co	**-**	**-**	**208,924**	**-**	**-**	**-**	**-**	**-**	**2,378**
Copper (TX)	-	-	2,495	-	-	-	-	-	33
Newman (TX)	-	-	125,985	-	-	-	-	-	1,424
Rio Grande (NM)	-	-	80,444	-	-	-	-	-	922
Electric Energy Inc	**701,358**	**-**	**295**	**-**	**-**	**-**	**417**	**-**	**4**
Joppa Steam (IL)	701,358	-	295	-	-	-	417	-	4
Empire District Elec Co	**152,762**	**37**	**53,384**	**4,212**	**-**	**1,955**	**89**	**-**	**631**
Asbury (MO)	113,228	37	-	-	-	1,955	62	*	-
Energy Center (MO)	-	-	999	-	-	-	-	-	19
Ozark Beach (MO)	-	-	-	4,212	-	-	-	-	-
Riverton (KS)	39,534	-	1,147	-	-	-	27	-	23
State Line (MO)	-	-	51,238	-	-	-	-	-	588
Energy Northwest	**-**	**-**	**-**	**7,025**	**761,289**	**-**	**-**	**-**	**-**
Packwood (WA)	-	-	-	7,025	-	-	-	-	-
WNP-2 (WA)	-	-	-	-	761,289	-	-	-	-
Eugene (City of)	**-**	**-**	**-**	**17,121**	**-**	**-**	**-**	**-**	**-**
Carmen (OR)	-	-	-	13,614	-	-	-	-	-
Leaburg (OR)	-	-	-	3,507	-	-	-	-	-
Walterville (OR)	-	-	-	-	-	-	-	-	-
Willamette (OR)	-	-	-	-	-	-	-	-	-
Fayetteville (City of)	**-**	**2**	**16,375**	**-**	**-**	**-**	**-**	**-**	**269**
Pod #2 (NC)	-	2	16,375	-	-	-	-	*	269
Florida Power & Light Co	**-**	**2,220,776**	**3,538,28**	**-**	**2,166,430**	**-**	**-**	**3,560**	**26,733**
Cape Canaveral (FL)	-	240,461	106,265	-	-	-	-	371	884
Cutler (FL)	-	-	54,965	-	-	-	-	-	726
Fort Meyers (FL)	-	6,316	949,646	-	-	-	-	18	6,404
Lauderdale (FL)	-	6,479	549,858	-	-	-	-	29	4,394
Manatee (FL)	-	674,089	-	-	-	-	-	1,093	-
Martin (FL)	-	254,871	823,131	-	-	-	-	411	6,115
Port Everglades (FL)	-	486,092	53,901	-	-	-	-	780	590
Putnam (FL)	-	119	203,792	-	-	-	-	*	1,904
Riviera (FL)	-	218,357	66,567	-	-	-	-	345	578
Sanford (FL)	-	37,643	656,857	-	-	-	-	64	4,584
St. Lucie (FL)	-	-	-	-	1,170,595	-	-	-	-
Turkey Point (FL)	-	296,349	73,306	-	995,835	-	-	449	554
Florida Power Corporation	**343,887**	**704,703**	**727,365**	**-**	**605,075**	**-**	**136**	**1,177**	**6,860**
Anclote (FL)	-	417,593	39,775	-	-	-	-	641	391
Avon Park (FL)	-	1,389	2,783	-	-	-	-	4	44
Bartow, P L (FL)	-	168,875	52,813	-	-	-	-	280	591
Bayboro (FL)	-	14,319	-	-	-	-	-	33	-
Crystal River (FL)	343,887	2,639	-	-	605,075	-	136	5	-
Debary (FL)	-	27,227	49,434	-	-	-	-	67	653
Higgins (FL)	-	-	12,543	-	-	-	-	-	205
Hines Energy (FL)	-	-	269,802	-	-	-	-	-	1,909
Intercession City (FL)	-	12,210	104,805	-	-	-	-	29	1,339
Port St. Joe (FL)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Florida Power Corporation (Continued)									
Rio Pinar (FL)	-	430	-	-	-	-	-	1	-
Suwannee River (FL)	-	53,201	37,054	-	-	-	-	99	455
Tiger Bay (FL)	-	-	128,376	-	-	-	-	-	959
Turner, G E (FL)	-	6,820	-	-	-	-	-	18	-
Univ Proj (FL)	-	-	29,980	-	-	-	-	-	315
Fort Pierce (City of)	**-**	**-**	**8,961**	**-**	**-**	**-**	**-**	**-**	**132**
King (FL)	-	-	8,961	-	-	-	-	-	132
Fremont (City of)	**30,496**	**-**	**711**	**-**	**-**	**-**	**21**	**-**	**9**
Lon Wright (NE)	30,496	-	711	-	-	-	21	-	9
Gainesville (City of)	**73,988**	**8,008**	**69,465**	**-**	**-**	**-**	**32**	**14**	**841**
Deerhaven (FL)	73,988	7,747	40,663	-	-	-	32	14	488
Kelly, J R (FL)	-	261	28,802	-	-	-	-	*	353
Garland Mun Utils (City)	**-**	**-**	**77,283**	**-**	**-**	**-**	**-**	**-**	**955**
Newman, C E (TX)	-	-	288	-	-	-	-	-	6
Olinger, Ray (TX)	-	-	76,995	-	-	-	-	-	949
Georgia Power Co	**6,977,057**	**8,891**	**52,922**	**34,117**	**2,889,064**	**-**	**2,757**	**19**	**528**
Arkwright (GA)	15,505	-14	1,002	-	-	-	9	-	14
Atkinson (GA)	-	-	165	-	-	-	-	-	3
Barnett Shoals (GA)	-	-	-	266	-	-	-	-	-
Bartlett Ferry (GA)	-	-	-	10,668	-	-	-	-	-
Bowen (GA)	1,698,791	821	-	-	-	-	671	1	-
Burton (GA)	-	-	-	1,194	-	-	-	-	-
Dahlberg ((GA)	-	-	-	-	-	-	-	-	-
Estatoah (GA)	-	-	-	48	-	-	-	-	-
Flint River (GA)	-	-	-	1,120	-	-	-	-	-
Goat Rock (GA)	-	-	-	5,556	-	-	-	-	-
Hammond (GA)	352,394	1,008	-	-	-	-	143	2	-
Harllee Branch (GA)	858,949	388	-	-	-	-	341	1	-
Hatch, Edwin I. (GA)	-	-	-	-	1,220,620	-	-	-	-
Langdale (GA)	-	-	-	96	-	-	-	-	-
Lloyd Shoals (GA)	-	-	-	3,732	-	-	-	-	-
Mcdonough, J (GA)	157,104	120	19,110	-	-	-	60	*	178
Mcmanus (GA)	-	5,110	-	-	-	-	-	13	-
Mitchell, W (GA)	56,479	-20	-	-	-	-	23	*	-
Morgan Falls (GA)	-	-	-	2,496	-	-	-	-	-
Nacoochee (GA)	-	-	-	731	-	-	-	-	-
North Highlands (GA)	-	-	-	3,542	-	-	-	-	-
Oliver Dam (GA)	-	-	-	4,941	-	-	-	-	-
Riverview (GA)	-	-	-	28	-	-	-	-	-
Robins (GA)	-	-	2,369	-	-	-	-	-	30
Scherer (GA)	2,267,687	1,000	-	-	-	-	907	2	-
Sinclair Dam (GA)	-	-	-	515	-	-	-	-	-
Tallulah Falls (GA)	-	-	-	6,639	-	-	-	-	-
Terrora (GA)	-	-	-	2,229	-	-	-	-	-
Tugalo (GA)	-	-	-	7,257	-	-	-	-	-
Vogtle (GA)	-	-	-	-	1,668,444	-	-	-	-
Wallace Dam (GA)	-	-	-	-20,103	-	-	-	-	-
Wansley (GA)	1,104,134	273	-	-	-	-	412	1	-
Wilson (GA)	-	52	-	-	-	-	-	1	-
Yates (GA)	466,014	153	30,276	-	-	-	192	*	304
Yonah (GA)	-	-	-	3,162	-	-	-	-	-
Glendale (City of)	**-**	**-**	**12,594**	**-**	**-**	**5,511**	**-**	**-**	**174**
Grayson (CA)	-	-	12,594	-	-	5,511	-	-	174
Golden Valley Elec Assn	**17,843**	**33,304**	**-**	**-**	**-**	**-**	**18**	**62**	**-**
Fairbanks (AK)	-	313	-	-	-	-	-	1	-
Healy (AK)	17,843	-	-	-	-	-	18	-	-
North Pole (AK)	-	32,991	-	-	-	-	-	61	-
Grand Haven (City of)	**32,833**	**-**	**-**	**-**	**-**	**-**	**12**	**-**	**-**
Harbor Avenue (MI)	-	-	-	-	-	-	-	-	-
J B Simms (MI)	32,833	-	-	-	-	-	12	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Grand Island (City of)	**41,796**	**139**	**2,525**	**-**	**-**	**-**	**26**	**-**	**34**
Burdick, C W (NE)	-	18	2,525	-	-	-	-	*	34
Platte (NE)	41,796	121	-	-	-	-	26	*	-
Grand River Dam Authority	**582,412**	**-**	**353**	**-15,258**	**-**	**-**	**381**	**-**	**6**
GRDA No 1 (OK)	582,412	-	353	-	-	-	381	-	6
Markham (OK)	-	-	-	594	-	-	-	-	-
Pensacola (OK)	-	-	-	1,431	-	-	-	-	-
Salina (OK)	-	-	-	-17,283	-	-	-	-	-
Grant Pub Util Dist #2	**-**	**-**	**-**	**621,608**	**-**	**-**	**-**	**-**	**-**
Pec Hdwks (WA)	-	-	-	3,576	-	-	-	-	-
Priest Rapids (WA)	-	-	-	306,874	-	-	-	-	-
Quincy Chut (WA)	-	-	-	4,264	-	-	-	-	-
Wanapum (WA)	-	-	-	306,894	-	-	-	-	-
Green Mountain Power Corp	**-**	**388**	**-**	**2,018**	**-**	**632**	**-**	**1**	**-**
Berlin (VT)	-	239	-	-	-	-	-	1	-
Bolton Falls (VT)	-	-	-	284	-	-	-	-	-
Colchester (VT)	-	66	-	-	-	-	-	*	-
Essex Junction 19 (VT)	-	17	-	969	-	-	-	*	-
Gorge 18 (VT)	-	-	-	87	-	-	-	-	-
Marshfield 6 (VT)	-	-	-	146	-	-	-	-	-
Middlesex 2 (VT)	-	-	-	187	-	-	-	-	-
Searsburg (VT)	-	-	-	-	-	632	-	-	-
Vergennes 9 (VT)	-	66	-	89	-	-	-	*	-
Waterbury 22 (VT)	-	-	-	127	-	-	-	-	-
West Danville 15 (VT)	-	-	-	129	-	-	-	-	-
Gulf Power Company	**693,961**	**551**	**277,532**	**-**	**-**	**-**	**313**	**1**	**1,940**
Crist (FL)	514,112	330	812	-	-	-	231	1	9
Scholz (FL)	30,015	14	-	-	-	-	15	*	-
Smith (FL)	149,834	207	276,720	-	-	-	67	*	1,931
Gulf States Utilities Co	**439,912**	**2,510**	**1,457,49**	**11,960**	**643,798**	**-**	**249**	**4**	**16,103**
Lewis Creek (TX)	-	-	260,568	-	-	-	-	-	2,662
Louisiana 1 (LA)	-	-	-	-	-	-	-	-	-
Nelson, R S (LA)	439,912	15	188,578	-	-	-	249	*	2,597
River Bend (LA)	-	-	-	-	643,798	-	-	-	-
Sabine (TX)	-	6	740,730	-	-	-	-	*	7,713
Toledo Bend (TX)	-	-	-	11,960	-	-	-	-	-
Willow Glen (LA)	-	2,489	267,615	-	-	-	-	4	3,130
Hamilton (City of)	**32,863**	**7**	**967**	**16,533**	**-**	**-**	**19**	**-**	**14**
Hamilton (OH)	32,863	7	967	-	-	-	19	*	14
Hamilton Hydro (OH)	-	-	-	36	-	-	-	-	-
Vanceburg Hydro (KY)	-	-	-	16,497	-	-	-	-	-
Hastings (City of)	**29,048**	**160**	**1,434**	**-**	**-**	**-**	**19**	**-**	**19**
Don Henry (NE)	-	-	124	-	-	-	-	-	2
North Denver (NE)	-	-	1,310	-	-	-	-	-	17
Whelan (NE)	29,048	160	-	-	-	-	19	*	-
Hawaii Electric Light Co	**-**	**44,043**	**-**	**250**	**-**	**143**	**-**	**99**	**-**
Kanoelehua (HI)	-	342	-	-	-	-	-	1	-
Keahole (HI)	-	5,046	-	-	-	-	-	12	-
Lalamilo (HI)	-	-	-	-	-	143	-	-	-
Puma (HI)	-	17,627	-	-	-	-	-	39	-
Puueo (HI)	-	-	-	255	-	-	-	-	-
Shipman (HI)	-	2,219	-	-	-	-	-	6	-
W. H. Hill (HI)	-	18,034	-	-	-	-	-	38	-
Waiau (HI)	-	-	-	-5	-	-	-	-	-
Waimea (HI)	-	775	-	-	-	-	-	1	-
Hawaiian Elec Co Inc	**-**	**398,090**	**-**	**-**	**-**	**-**	**-**	**655**	**-**
Honolulu (HI)	-	9,391	-	-	-	-	-	21	-
Kahe (HI)	-	276,574	-	-	-	-	-	440	-
Oil Storage (CA)	-	-	-	-	-	-	-	-	-
Waiau (HI)	-	112,125	-	-	-	-	-	194	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hetch Hetchy Water & Pwr	**-**	**-**	**-**	**91,849**	**-**	**-**	**-**	**-**	**-**
Holm, Dion R (CA)	-	-	-	26,288	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	34,407	-	-	-	-	-
Moccasin (CA)	-	-	-	31,154	-	-	-	-	-
Moccasin Low (CA)	-	-	-	-	-	-	-	-	-
Holland (City of)	**20,436**	**-**	**10,729**	**-**	**-**	**-**	**9**	**-**	**124**
48 Street (MI)	-	-	10,662	-	-	-	-	-	123
6Th Street (MI)	-	-	-	-	-	-	-	-	-
James De Young (MI)	20,436	-	67	-	-	-	9	-	1
Homestead (City of)	**-**	**383**	**7,270**	**-**	**-**	**-**	**-**	**1**	**79**
G W Ivey (FL)	-	383	7,270	-	-	-	-	1	79
Hoosier Energy Rural	**703,660**	**1,207**	**-**	**-**	**-**	**-**	**334**	**2**	**-**
Merom (IN)	585,491	949	-	-	-	-	279	2	-
Ratts (IN)	118,169	258	-	-	-	-	55	1	-
Hutchinson (City of)	**-**	**17**	**2,690**	**-**	**-**	**-**	**-**	**-**	**18**
Plant No. 1 (MN)	-	17	80	-	-	-	-	*	1
Plant No. 2 (MN)	-	-	2,610	-	-	-	-	-	16
Idaho Power Co	**-**	**-**	**797**	**519,807**	**-**	**-**	**-**	**-**	**11**
American Falls (ID)	-	-	-	18,791	-	-	-	-	-
Bliss (ID)	-	-	-	26,540	-	-	-	-	-
Brownlee (ID)	-	-	-	158,235	-	-	-	-	-
Cascade (ID)	-	-	-	5,535	-	-	-	-	-
Clear Lake (ID)	-	-	-	1,194	-	-	-	-	-
Hells Canyon (OR)	-	-	-	134,618	-	-	-	-	-
Lower Malad (ID)	-	-	-	9,246	-	-	-	-	-
Lower Salmon (ID)	-	-	-	17,785	-	-	-	-	-
Milner (ID)	-	-	-	553	-	-	-	-	-
Mountain Home (ID)	-	-	797	-	-	-	-	-	11
Oxbow (OR)	-	-	-	71,329	-	-	-	-	-
Salmon (ID)	-	-	-	-	-	-	-	-	-
Shoshone Falls (ID)	-	-	-	8,118	-	-	-	-	-
Strike, C J (ID)	-	-	-	28,785	-	-	-	-	-
Swan Falls (ID)	-	-	-	8,424	-	-	-	-	-
Thousand Springs (ID)	-	-	-	4,436	-	-	-	-	-
Twin Falls (ID)	-	-	-	3,903	-	-	-	-	-
Upper Malad (ID)	-	-	-	5,337	-	-	-	-	-
Upper Salmon (ID)	-	-	-	8,473	-	-	-	-	-
Upper Salmon (ID)	-	-	-	8,505	-	-	-	-	-
IES Utilities Co	**833,818**	**3,738**	**30,097**	**565**	**256,177**	**2,258**	**585**	**9**	**573**
6Th Street (IA)	5,626	-	3,285	-	-	351	12	-	144
Agency GT (IA)	-	6	721	-	-	-	-	*	13
Ames (IA)	-	1	-	-	-	-	-	*	-
Anamosa (IA)	-	-	-	44	-	-	-	-	-
Arnold, Duane (IA)	-	-	-	-	256,177	-	-	-	-
Burlington (IA)	118,846	-	1,274	-	-	-	76	-	26
Centerville (IA)	-	410	-	-	-	-	-	1	-
Dubuque (IA)	30,131	-4	1,632	-	-	-	19	*	23
Fox Lake (MN)	-	197	12,434	-	-	-	-	1	142
Grinnell (IA)	-	-	110	-	-	-	-	-	3
Hills (MN)	-	-12	-	-	-	-	-	-	-
Iowa Falls (IA)	-	-	-	11	-	-	-	-	-
Kapp, M L (IA)	118,370	-	259	-	-	-	76	-	3
Lansing (IA)	78,681	388	-	-	-	-	56	1	-
Lime Creek (IA)	-	1,487	-	-	-	-	-	4	-
Maquoketa (IA)	-	-	-	510	-	-	-	-	-
Marshalltown (IA)	-	519	-	-	-	-	-	2	-
Montgomery (MN)	-	-9	-	-	-	-	-	-	-
New Albin (IA)	-	-	-	-	-	-	-	-	-
Ottumwa (IA)	333,308	737	-	-	-	-	224	1	-
Prairie Creek (IA)	69,458	18	2,046	-	-	1,907	70	*	36
Red Cedar (IA)	-	-	3,646	-	-	-	-	-	128
Sutherland (IA)	79,398	-	4,690	-	-	-	52	-	56
Imperial Irrigation Dist	**-**	**11**	**84,172**	**23,501**	**-**	**-**	**-**	**-**	**870**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Imperial Irrigation Dist (Continued)									
Brawley (CA)	-	11	-	-	-	-	-	*	-
Coachella (CA)	-	-	651	-	-	-	-	-	10
Double Weir (CA)	-	-	-	-	-	-	-	-	-
Drop 2 (CA)	-	-	-	4,810	-	-	-	-	-
Drop 3 (CA)	-	-	-	4,741	-	-	-	-	-
Drop 4 (CA)	-	-	-	9,550	-	-	-	-	-
Drop No 1 (CA)	-	-	-	1,713	-	-	-	-	-
Drop No. 5 (CA)	-	-	-	1,720	-	-	-	-	-
E Highline (CA)	-	-	-	520	-	-	-	-	-
El Centro (CA)	-	-	82,779	-	-	-	-	-	849
Pilot Knob (CA)	-	-	-	259	-	-	-	-	-
Rockwood (CA)	-	-	742	-	-	-	-	-	11
Turnip (CA)	-	-	-	188	-	-	-	-	-
Independence (City of)	**16,231**	**260**	**1,075**	**-**	**-**	**-**	**12**	**1**	**17**
Blue Valley (MO)	12,858	7	897	-	-	-	10	*	14
Jackson Square (MO)	-	41	-	-	-	-	-	*	-
Missouri City (MO)	3,373	27	-	-	-	-	2	*	-
Station H (MO)	-	5	178	-	-	-	-	*	3
Station I (MO)	-	180	-	-	-	-	-	1	-
Indiana Michigan Power Co	**2,254,499**	**2,092**	**-**	**4,419**	**1,474,853**	**-**	**1,283**	**5**	**-**
Berrien Springs (MI)	-	-	-	1,499	-	-	-	-	-
Buchanan (MI)	-	-	-	773	-	-	-	-	-
Constantine (MI)	-	-	-	182	-	-	-	-	-
Cook, Donald C. (MI)	-	-	-	-	1,474,853	-	-	-	-
Elkhart (IN)	-	-	-	609	-	-	-	-	-
Fourth Street (IN)	-	-	-	-	-	-	-	-	-
Mottville (MI)	-	-	-	174	-	-	-	-	-
Rockport (IN)	1,662,998	1,368	-	-	-	-	1,029	4	-
Tanners Creek (IN)	591,501	724	-	-	-	-	254	1	-
Twin Branch (IN)	-	-	-	1,182	-	-	-	-	-
Indiana Mun Power Agency	**-**	**-**	**172**	**-**	**-**	**-**	**-**	**-**	**2**
Anderson (IN)	-	-	172	-	-	-	-	-	2
Indiana-Kentucky El Corp	**590,153**	**131**	**-**	**-**	**-**	**-**	**323**	**-**	**-**
Clifty Creek (IN)	590,153	131	-	-	-	-	323	*	-
Indianapolis Pwr & Lgt Co	**1,430,334**	**642**	**6,116**	**-**	**-**	**-**	**675**	**1**	**95**
Georgetown (IA)	-	-	1,418	-	-	-	-	-	23
Petersburg (IN)	1,003,692	394	-	-	-	-	473	1	-
Pritchard, H T (IN)	103,539	253	-	-	-	-	55	1	-
Stout, Elmer W (IN)	323,103	-5	4,698	-	-	-	147	*	72
International Bound & Water Comm	**-**	**-**	**-**	**4,146**	**-**	**-**	**-**	**-**	**-**
Amistad (TX)	-	-	-	3,299	-	-	-	-	-
Falcon (TX)	-	-	-	847	-	-	-	-	-
Interstate Power Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Dubuque (IA)	-	-	-	-	-	-	-	-	-
Fox Lake (MN)	-	-	-	-	-	-	-	-	-
Hills (MN)	-	-	-	-	-	-	-	-	-
Kapp, M L (IA)	-	-	-	-	-	-	-	-	-
Lansing (IA)	-	-	-	-	-	-	-	-	-
Lime Creek (IA)	-	-	-	-	-	-	-	-	-
Montgomery (MN)	-	-	-	-	-	-	-	-	-
New Albin (IA)	-	-	-	-	-	-	-	-	-
Jacksonville (City of)	**575,961**	**255,434**	**200,496**	**-**	**-**	**2,685**	**231**	**278**	**2,001**
Brandy Branch (FL)	-	119	84,512	-	-	-	-	*	925
Girvin Road (FL)	-	-	-	-	-	767	-	-	-
Kennedy, J D (FL)	-	2,094	22,895	-	-	-	-	7	248
Northside (FL)	-	103,448	93,089	-	-	1,918	-	213	829
Southside (FL)	-	-	-	-	-	-	-	-	-
St. Johns River (FL)	575,961	149,773	-	-	-	-	231	57	-
Jamestown (City of)	**14,035**	**38**	**4,966**	**-**	**-**	**-**	**8**	**-**	**50**
Carlson, S A (NY)	14,035	38	4,966	-	-	-	8	*	50

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Jersey Central Power&Light Co	**-**	**-**	**4,009**	**-14,893**	**-**	**-**	**-**	**-**	**53**
Forked River (NJ)	-	-	4,009	-	-	-	-	-	53
Yards Creek (NJ)	-	-	-	-14,893	-	-	-	-	-
Kansas City (City of)	**221,215**	**504**	**3,448**	**-**	**-**	**-**	**152**	**2**	**84**
Kaw (KS)	-	1	425	-	-	-	-	*	13
Nearman Creek (KS)	131,569	258	-	-	-	-	96	1	-
Quindaro (KS)	89,646	245	3,023	-	-	-	56	1	71
Kansas City Pwr & Lgt Co	**1,818,157**	**2,743**	**48,411**	**-**	**-**	**-**	**1,098**	**6**	**437**
Grand Ave (MO)	-	-	-	-	-	-	-	-	-
Hawthorn (MO)	377,922	-	48,411	-	-	-	224	-	437
Iatan (MO)	446,035	302	-	-	-	-	257	1	-
La Cygne (KS)	814,734	1,747	-	-	-	-	497	3	-
Montrose (MO)	179,466	277	-	-	-	-	121	1	-
Northeast (MO)	-	417	-	-	-	-	-	2	-
Kauai Electric Company	**-**	**25,142**	**-**	**-**	**-**	**-**	**-**	**46**	**-**
Port Allen (HI)	-	25,142	-	-	-	-	-	46	-
Kentucky Power Co	**383,809**	**304**	**-**	**-**	**-**	**-**	**156**	**1**	**-**
Big Sandy (KY)	383,809	304	-	-	-	-	156	1	-
Kentucky Utilities Co	**1,489,007**	**2,195**	**26,225**	**1,064**	**-**	**-**	**677**	**4**	**331**
Brown, E W (KY)	336,261	173	26,225	-	-	-	147	*	331
Dix Dam (KY)	-	-	-	1,066	-	-	-	-	-
Ghent (KY)	1,069,414	1,263	-	-	-	-	485	2	-
Green River (KY)	65,007	449	-	-	-	-	35	1	-
Haefling (KY)	-	-	-	-	-	-	-	-	-
Lock 7 (KY)	-	-	-	-2	-	-	-	-	-
Pineville (KY)	-	-	-	-	-	-	-	-	-
Tyrone (KY)	18,325	310	-	-	-	-	10	1	-
Key West (City of)	**-**	**1,509**	**-**	**-**	**-**	**-**	**-**	**3**	**-**
Big Pine (FL)	-	12	-	-	-	-	-	*	-
Cudjoe (FL)	-	379	-	-	-	-	-	1	-
Key West (FL)	-	265	-	-	-	-	-	1	-
Stock Island (FL)	-	12	-	-	-	-	-	*	-
Stock Island D 1 (FL)	-	841	-	-	-	-	-	1	-
KeySpan Energy	**-**	**367,553**	**726,527**	**-**	**-**	**-**	**-**	**638**	**7,782**
Barrett, E F (NY)	-	113	210,918	-	-	-	-	*	2,238
Brookhaven (NY)	-	21,670	-	-	-	-	-	45	-
East Hampton (NY)	-	552	-	-	-	-	-	2	-
Far Rockway (NY)	-	-	49,895	-	-	-	-	-	530
Glenwood (NY)	-	450	62,563	-	-	-	-	1	693
Holbrook (NY)	-	11,556	-	-	-	-	-	29	-
Montauk (NY)	-	36	-	-	-	-	-	*	-
Northport (NY)	-	264,465	313,540	-	-	-	-	444	3,365
Port Jefferson (NY)	-	68,268	89,611	-	-	-	-	116	956
Shoreham (NY)	-	431	-	-	-	-	-	1	-
Southhampton (NY)	-	-1	-	-	-	-	-	*	-
Southold (NY)	-	30	-	-	-	-	-	*	-
West Babylon (NY)	-	-17	-	-	-	-	-	-	-
KG&E - Western Resources	**-**	**24,764**	**51,213**	**-**	**-**	**-**	**-**	**45**	**586**
Evans, Gordon (KS)	-	18,461	42,424	-	-	-	-	33	481
Gill, Murray (KS)	-	6,303	8,884	-	-	-	-	12	105
Neosho (KS)	-	-	-95	-	-	-	-	-	-
Kings River Conserv Dist	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pine Flat (CA)	-	-	-	-	-	-	-	-	-
Kissimmee (City of)	**-**	**51**	**141,662**	**-**	**-**	**-**	**-**	**-**	**1,654**
Cane Island (FL)	-	-	137,020	-	-	-	-	-	1,582
Kissimmee (FL)	-	51	4,642	-	-	-	-	*	72
KPL - Western Resources	**1,694,838**	**4,079**	**10,724**	**-**	**-**	**-**	**1,112**	**8**	**130**
Abilene (KS)	-	-	159	-	-	-	-	-	6

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
KPL - Western Resources (Continued)									
Hutchinson (KS)	-	3,064	9,381	-	-	-	-	6	110
Jeffrey (KS)	1,260,824	1,015	-	-	-	-	822	2	-
Lawrence (KS)	322,345	-	439	-	-	-	215	-	5
Tecumseh (KS)	111,669	-	745	-	-	-	75	-	9
Lafayette Util Sys (City)	**-**	**-**	**42,204**	**-**	**-**	**-**	**-**	**-**	**465**
Doc Bonin (LA)	-	-	42,204	-	-	-	-	-	465
Rodemacher (LA)	-	-	-	-	-	-	-	-	-
Lake Worth (City of)	**-**	**1,062**	**8,391**	**-**	**-**	**-**	**-**	**2**	**81**
Smith, Tom G (FL)	-	1,062	8,391	-	-	-	-	2	81
Lakeland (City of)	**151,352**	**32,948**	**261,655**	**-**	**-**	**994**	**52**	**15**	**2,052**
Larsen Memorial (FL)	-	41	40,534	-	-	-	-	*	409
Mcintosh, C D (FL)	151,352	32,907	221,121	-	-	994	52	15	1,643
Lansing (City of)	**213,478**	**-**	**-**	**-**	**-**	**-**	**133**	**-**	**-**
Eckert Station (MI)	130,574	-	-	-	-	-	99	-	-
Erickson (MI)	82,904	-	-	-	-	-	35	-	-
Moores Park (MI)	-	-	-	-	-	-	-	-	-
Lincoln (City of)	**-**	**310**	**6,101**	**-**	**-**	**188**	**-**	**1**	**79**
Lincoln J Street (NE)	-	-	-	-	-	-	-	-	-
Rokeby (NE)	-	310	6,101	-	-	-	-	1	79
Salt Valley (NE)	-	-	-	-	-	188	-	-	-
Logansport (City of)	**17,700**	**-**	**12**	**-**	**-**	**-**	**11**	**-**	**1**
Logansport (IN)	17,700	-	12	-	-	-	11	-	1
Los Angeles (City of)	**1,182,169**	**350**	**624,009**	**64,673**	**-**	**-**	**482**	**1**	**6,440**
Big Pine Creek (CA)	-	-	-	1,137	-	-	-	-	-
Castaic (CA)	-	-	-	13,847	-	-	-	-	-
Control Gorge (CA)	-	-	-	5,777	-	-	-	-	-
Cottonwood (CA)	-	-	-	73	-	-	-	-	-
Division Creek (CA)	-	-	-	342	-	-	-	-	-
Foothill (CA)	-	-	-	1,411	-	-	-	-	-
Franklin Canyon (CA)	-	-	-	-1	-	-	-	-	-
Haiwee (CA)	-	-	-	1,047	-	-	-	-	-
Harbor (CA)	-	-	67,889	-	-	-	-	-	614
Haynes (CA)	-	-	447,464	-	-	-	-	-	4,652
Intermountain (UT)	1,182,169	350	-	-	-	-	482	1	-
Middle Gorge (CA)	-	-	-	5,787	-	-	-	-	-
Pleasant Valley (CA)	-	-	-	515	-	-	-	-	-
San Fernando (CA)	-	-	-	3,956	-	-	-	-	-
San Francisquito 1 (CA)	-	-	-	18,910	-	-	-	-	-
San Francisquito 2 (CA)	-	-	-	9,366	-	-	-	-	-
Sawtelle (CA)	-	-	-	216	-	-	-	-	-
Scattergood (CA)	-	-	99,285	-	-	-	-	-	1,051
Upper Gorge (CA)	-	-	-	2,290	-	-	-	-	-
Valley (CA)	-	-	9,371	-	-	-	-	-	123
Louisiana Pwr & Light Co	**-**	**754**	**1,120,68**	**-**	**783,135**	**-**	**-**	**1**	**12,352**
Buras (LA)	-	-	494	-	-	-	-	-	11
Little Gypsy (LA)	-	-	244,081	-	-	-	-	-	2,194
Monroe (LA)	-	-	-173	-	-	-	-	-	-
Nine Mile Point (LA)	-	70	629,304	-	-	-	-	*	8,033
Sterlington (LA)	-	-	104,147	-	-	-	-	-	1,105
Waterford (LA)	-	-	-	-	783,135	-	-	-	-
Waterford (LA)	-	684	142,828	-	-	-	-	1	1,011
Louisville Gas & Elec Co	**1,321,514**	**668**	**22,916**	**13,720**	**-**	**-**	**599**	**1**	**238**
Cane Run (KY)	177,991	-	2,342	-	-	-	84	-	27
Mill Creek (KY)	870,035	-	3,870	-	-	-	399	-	43
Ohio Falls (KY)	-	-	-	13,720	-	-	-	-	-
Paddys Run (KY)	-	-	6,737	-	-	-	-	-	63
Trimble County (KY)	273,488	668	9,967	-	-	-	116	1	105
Waterside (KY)	-	-	-	-	-	-	-	-	-
Zorn (KY)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Lower Colorado River Auth	**984,902**	**550**	**182,406**	**20,385**	**-**	**-**	**607**	**1**	**1,856**
Austin (TX)	-	-	-	3,769	-	-	-	-	-
Buchanan (TX)	-	-	-	788	-	-	-	-	-
Granite Shoals (TX)	-	-	-	1,220	-	-	-	-	-
Inks (TX)	-	-	-	329	-	-	-	-	-
Mansfield (TX)	-	-	-	13,452	-	-	-	-	-
Marble Falls (TX)	-	-	-	827	-	-	-	-	-
Sam Seymour (TX)	984,902	550	-	-	-	-	607	1	-
Sim Gideon (TX)	-	-	106,564	-	-	-	-	-	1,060
T. C. Ferguson (TX)	-	-	75,842	-	-	-	-	-	796
Lubbock (City of)	**-**	**-**	**50,039**	**-**	**-**	**-**	**-**	**-**	**486**
Cooke (TX)	-	-	13,485	-	-	-	-	-	157
LP&L Co GEN	-	-	13,373	-	-	-	-	-	137
Massengale (TX)	-	-	23,181	-	-	-	-	-	192
Madison Gas & Elec Co	**32,429**	**-**	**11,463**	**-**	**-**	**2,883**	**21**	**-**	**164**
Blount Street (WI)	32,429	-	5,308	-	-	1,347	21	-	79
Fitchburg (WI)	-	-	610	-	-	-	-	-	11
Marinette (WI)	-	-	5,211	-	-	-	-	-	67
Nine Springs (WI)	-	-	-5	-	-	-	-	-	-
Sycamore (WI)	-	-	339	-	-	-	-	-	7
Wind Energy (WI)	-	-	-	-	-	1,536	-	-	-
Manitowoc (City of)	**16,112**	**9,826**	**944**	**-**	**-**	**-**	**8**	**4**	**9**
Custer St (WI)	-	-	-	-	-	-	-	-	-
Manitowoc (WI)	16,112	9,826	944	-	-	-	8	4	9
Marquette (City of)	**26,154**	**1,547**	**-**	**932**	**-**	**-**	**18**	**4**	**-**
Plant Four (MI)	-	1,493	-	-	-	-	-	4	-
Plant Two (MI)	-	-	-	743	-	-	-	-	-
Russell, Frank J (MI)	-	-	-	189	-	-	-	-	-
Shiras (MI)	26,154	54	-	-	-	-	18	*	-
Marshall (City of)	**4,646**	**-38**	**186**	**-**	**-**	**-**	**3**	**-**	**3**
Marshall (MO)	4,646	-38	186	-	-	-	3	*	3
Mass Mun Wholesale Elec	**-**	**2,680**	**-**	**-**	**-**	**-**	**-**	**6**	**-**
Stonybrook (MA)	-	2,680	-	-	-	-	-	6	-
Maui Electric Co Ltd	**-**	**97,670**	**-**	**-**	**-**	**-**	**-**	**169**	**-**
Cook (HI)	-	3,437	-	-	-	-	-	6	-
Kahului (HI)	-	19,432	-	-	-	-	-	43	-
Maalaea (HI)	-	72,394	-	-	-	-	-	116	-
Miki Basin (HI)	-	2,407	-	-	-	-	-	4	-
Mcpherson (City of)	**-**	**-**	**473**	**-**	**-**	**-**	**-**	**-**	**7**
McPherson 3 (KS)	-	-	326	-	-	-	-	-	4
Plant No. 2 (KS)	-	-	147	-	-	-	-	-	2
Medina Electric Coop Inc	**-**	**-**	**4,009**	**-**	**-**	**-**	**-**	**-**	**50**
Pearsall (TX)	-	-	4,009	-	-	-	-	-	50
Merced Irrigation Dist	**-**	**-**	**-**	**18,664**	**-**	**-**	**-**	**-**	**-**
Canal Creek (CA)	-	-	-	-	-	-	-	-	-
Exchequer (CA)	-	-	-	15,679	-	-	-	-	-
Fairfield (CA)	-	-	-	153	-	-	-	-	-
Mcswain (CA)	-	-	-	2,246	-	-	-	-	-
Parker (CA)	-	-	-	586	-	-	-	-	-
Michigan So Cent Pwr Agen	**25,440**	**3,280**	**-**	**-**	**-**	**-**	**14**	**2**	**-**
Endicott (MI)	25,440	3,280	-	-	-	-	14	2	-
MidAmerican Energy	**1,767,600**	**723**	**11,860**	**586**	**-**	**-**	**1,082**	**1**	**187**
Coralville (IA)	-	-	199	-	-	-	-	-	3
Council Bluffs (IA)	521,382	542	315	-	-	-	318	1	3
Electrifarm (IA)	-	-	2,922	-	-	-	-	-	70
George Neal South (IA)	376,555	257	-	-	-	-	227	*	-
Louisa (IA)	363,172	1	1,156	-	-	-	220	*	12
Moline (IL)	-	-24	-24	586	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
MidAmerican Energy (Continued)									
Neal, George (IA)	454,951	-	2,589	-	-	-	281	-	27
Parr (IA)	-	-7	-6	-	-	-	-	-	-
Pleasant Hill (IA)	-	-46	-	-	-	-	-	-	-
River Hills (IA)	-	-	168	-	-	-	-	-	4
Riverside (IA)	51,540	-	1,713	-	-	-	36	-	21
Sycamore (IA)	-	-	2,828	-	-	-	-	-	47
Minnesota Power Inc	**664,493**	**448**	**-**	**40,534**	**-**	**-**	**404**	**1**	**-**
Blanchard (MN)	-	-	-	6,853	-	-	-	-	-
Boswell (MN)	628,619	309	-	-	-	-	380	1	-
Fond Du Lac (MN)	-	-	-	6,287	-	-	-	-	-
Hibbard, M L (MN)	-	-	-	-	-	-	-	-	-
Knife Falls (MN)	-	-	-	1,014	-	-	-	-	-
Laskin (MN)	35,874	139	-	-	-	-	24	*	-
Little Falls (MN)	-	-	-	2,954	-	-	-	-	-
Pillager (MN)	-	-	-	884	-	-	-	-	-
Prairie River (MN)	-	-	-	129	-	-	-	-	-
Scanlon (MN)	-	-	-	869	-	-	-	-	-
Sylvan (MN)	-	-	-	396	-	-	-	-	-
Thompson (MN)	-	-	-	20,094	-	-	-	-	-
Winton (MN)	-	-	-	1,054	-	-	-	-	-
Minnkota Power Coop Inc	**381,893**	**1,716**	**-**	**-**	**-**	**-**	**334**	**3**	**-**
Young, Milton R (ND)	381,893	1,716	-	-	-	-	334	3	-
Mississippi Power Co	**1,682,024**	**24**	**543,679**	**-**	**-**	**-**	**739**	**-**	**7,651**
Daniel, Victor J Jr. (MS)	1,257,294	24	436,122	-	-	-	560	*	5,071
Eaton (MS)	-	-	-108	-	-	-	-	-	-
Standard Oil (MS)	-	-	81,972	-	-	-	-	-	2,049
Sweatt (MS)	-	-	64	-	-	-	-	-	2
Watson (MS)	424,730	-	25,629	-	-	-	179	-	528
Mississippi Pwr & Lgt Co	**-**	**566**	**530,257**	**-**	**-**	**-**	**-**	**1**	**5,764**
Andrus (MS)	-	417	266,795	-	-	-	-	1	2,757
Brown, Rex (MS)	-	18	51,038	-	-	-	-	*	658
Delta (MS)	-	131	7,476	-	-	-	-	*	106
Wilson, B (MS)	-	-	204,948	-	-	-	-	-	2,242
Missouri Basin Mun Pwr Agency	**-**	**135**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Watertown (SD)	-	135	-	-	-	-	-	*	-
Modesto Irrigation Dist	**-**	**379**	**14,532**	**724**	**-**	**-**	**-**	**1**	**148**
McClure (CA)	-	379	1,723	-	-	-	-	1	26
New Hogan (CA)	-	-	-	685	-	-	-	-	-
Stone Drop (CA)	-	-	-	39	-	-	-	-	-
Woodland (CA)	-	-	12,809	-	-	-	-	-	122
Monongahela Power Co	**285,307**	**451**	**300**	**-**	**-**	**2,575**	**130**	**1**	**3**
Albright (WV)	134,578	297	-	-	-	-	61	1	-
Rivesville (WV)	41,971	154	-	-	-	-	23	*	-
Willow Island (WV)	108,758	-	300	-	-	2,575	46	-	3
Montana Dakota Utils Co	**70,623**	**-**	**636**	**-**	**-**	**-**	**68**	**-**	**9**
Glendive (MT)	-	-	440	-	-	-	-	-	6
Heskett (ND)	46,314	-	-	-	-	-	45	-	-
Lewis & Clark (MT)	24,309	-	37	-	-	-	24	-	*
Miles City (MT)	-	-	166	-	-	-	-	-	2
Williston (ND)	-	-	-7	-	-	-	-	-	-
Morgan (City of)	**-**	**-**	**6,108**	**-**	**-**	**-**	**-**	**-**	**97**
Morgan City (LA)	-	-	6,108	-	-	-	-	-	97
Muscatine (City of)	**126,063**	**29**	**1,914**	**-**	**-**	**-**	**99**	**-**	**26**
Muscatine (IA)	126,063	29	1,914	-	-	-	99	*	26
Nebraska Pub Power Dist	**805,455**	**318**	**18,751**	**14,495**	**538,948**	**-**	**507**	**-**	**242**
Canaday (NE)	-	-	17,336	-	-	-	-	-	227
Columbus (NE)	-	-	-	8,889	-	-	-	-	-
Cooper (NE)	-	-	-	-	538,948	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Nebraska Pub Power Dist (Continued)									
David City (NE)	-	51	32	-	-	-	-	*	*
Gentleman (NE)	704,655	-	953	-	-	-	442	-	10
Hallam (NE)	-	-	351	-	-	-	-	-	5
Hebron (NE)	-	-	-	-	-	-	-	*	-
Kearney (NE)	-	-	-	477	-	-	-	-	-
Lodgepole (NE)	-	-	-	-	-	-	-	-	-
Lyons (NE)	-	-	-	-	-	-	-	-	-
Madison (NE)	-	16	15	-	-	-	-	*	*
Mc Cook (NE)	-	146	-	-	-	-	-	*	-
Minnechaduza (NE)	-	-	-	-	-	-	-	-	-
Monroe (NE)	-	-	-	1,445	-	-	-	-	-
North Platte (NE)	-	-	-	2,787	-	-	-	-	-
Ord (NE)	-	72	21	-	-	-	-	*	*
Sheldon (NE)	100,800	-	21	-	-	-	65	-	*
Spencer (NE)	-	-	-	897	-	-	-	-	-
Sutherland (NE)	-	31	-	-	-	-	-	*	-
Wakefield (NE)	-	2	22	-	-	-	-	*	*
Nevada Irrigation Dist	**-**	**-**	**-**	**18,962**	**-**	**-**	**-**	**-**	**-**
Bowman (CA)	-	-	-	1,378	-	-	-	-	-
Chicago Park (CA)	-	-	-	5,276	-	-	-	-	-
Combie No (CA)	-	-	-	118	-	-	-	-	-
Combie So (CA)	-	-	-	-	-	-	-	-	-
Dutch Flat No.2 (CA)	-	-	-	6,486	-	-	-	-	-
Rollins (CA)	-	-	-	5,194	-	-	-	-	-
Scott Flat (CA)	-	-	-	510	-	-	-	-	-
Nevada Power Co	**360,176**	**921**	**391,528**	**-**	**-**	**-**	**164**	**2**	**3,737**
Clark (NV)	-	-	347,013	-	-	-	-	-	3,265
Gardner, Reid (NV)	360,176	921	-	-	-	-	164	2	-
Sun Peak (NV)	-	-	-	-	-	-	-	-	-
Sunrise (NV)	-	-	44,515	-	-	-	-	-	473
New Orleans Pub Serv Inc	**-**	**5**	**221,255**	**-**	**-**	**-**	**-**	**-**	**2,468**
Michoud (LA)	-	-	215,401	-	-	-	-	-	2,386
Paterson, A B (LA)	-	5	5,854	-	-	-	-	*	82
New Ulm (City of)	**-**	**13**	**1,668**	**-**	**-**	**-**	**-**	**-**	**37**
New Ulm (MN)	-	13	1,668	-	-	-	-	*	37
North Atlantic Energy Corp	**-**	**-**	**-**	**-**	**832,281**	**-**	**-**	**-**	**-**
Seabrook (NH)	-	-	-	-	832,281	-	-	-	-
Northern Ind Pub Serv Co	**1,199,873**	**5,917**	**5,096**	**1,109**	**-**	**-**	**644**	**2**	**57**
Bailly (IN)	216,881	-	570	-	-	-	107	-	6
Michigan City (IN)	212,724	-	2,844	-	-	-	123	-	30
Mitchell, Dean H (IN)	-	-	-	-	-	-	-	-	-
Norway (IN)	-	-	-	378	-	-	-	-	-
Oakdale (IN)	-	-	-	731	-	-	-	-	-
Schahfer, R. M. (IN)	770,268	5,917	1,682	-	-	-	414	2	20
Northern States Power Co	**2,716,525**	**57,868**	**79,303**	**144,374**	**1,179,496**	**42,272**	**1,086**	**34**	**840**
Angus Anson (SD)	-	-	9,677	-	-	-	-	-	127
Apple River (WI)	-	-	-	1,949	-	-	-	-	-
Bay Front (WI)	4,219	-	1,181	-	-	15,716	3	-	19
Big Falls (WI)	-	-	-	4,424	-	-	-	-	-
Black Dog (MN)	73,472	-	50,415	-	-	-	47	-	410
Blue Lake (MN)	-	2,021	-	-	-	-	-	6	-
Cedar Falls (WI)	-	-	-	4,086	-	-	-	-	-
Chippewa Falls (WI)	-	-	-	9,657	-	-	-	-	-
Cornell (WI)	-	-	-	10,528	-	-	-	-	-
Dells (WI)	-	-	-	5,422	-	-	-	-	-
Flambeau (WI)	-	-	618	-	-	-	-	-	10
French Island (WI)	-	1,143	12	-	-	4,790	-	3	*
Granite City (MN)	-	-	337	-	-	-	-	-	9
Hayward (WI)	-	-	-	133	-	-	-	-	-
Hennepin Island (MN)	-	-	-	33,691	-	-	-	-	-
High Bridge (MN)	112,598	-	623	-	-	-	68	-	7
Holcombe (WI)	-	-	-	13,564	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Northern States Power Co (Continued)									
Inver Hills (MN)	-	-	10,295	-	-	-	-	-	167
Jim Falls (WI)	-	-	-	19,404	-	-	-	-	-
Key City (MN)	-	-	-	-	-	-	-	-	-
King (MN)	245,193	34,033	-	-	-	-	139	12	-
Ladysmith (WI)	-	-	-	1,199	-	-	-	-	-
Menomonie (WI)	-	-	-	2,954	-	-	-	-	-
Minnesota Valley (MN)	-	-	-54	-	-	-	-	-	-
Monticello (MN)	-	-	-	-	416,914	-	-	-	-
Pathfinder (SD)	-	-	-102	-	-	-	-	-	-
Prairie Island (MN)	-	-	-	-	762,582	-	-	-	-
Redwing (MN)	-	-	110	-	-	9,837	-	-	2
Riverdale (WI)	-	-	-	322	-	-	-	-	-
Riverside (MN)	170,282	18,183	253	-	-	-	103	7	3
Saxon Falls (MI)	-	-	-	796	-	-	-	-	-
Sherburne County (MN)	2,110,761	1,016	-	-	-	-	726	2	-
St Croix Falls (WI)	-	-	-	14,236	-	-	-	-	-
Superior Falls (MI)	-	-	-	861	-	-	-	-	-
Thornapple (WI)	-	-	-	495	-	-	-	-	-
Trego (WI)	-	-	-	546	-	-	-	-	-
West Faribault (MN)	-	-	84	-	-	-	-	-	1
Wheaton (WI)	-	1,472	5,777	-	-	-	-	4	84
White River (WI)	-	-	-	373	-	-	-	-	-
Wilmarth (MN)	-	-	77	-	-	11,929	-	-	1
Wissota (WI)	-	-	-	19,734	-	-	-	-	-
Northwestern Pub Serv Co	**-**	**172**	**-38**	**-**	**-**	**-**	**-**	**-**	**-**
Aberdeen (SD)	-	128	-	-	-	-	-	*	-
Clark (SD)	-	5	-	-	-	-	-	*	-
Faulkton (SD)	-	-	-	-	-	-	-	-	-
Highmore (SD)	-	4	-	-	-	-	-	*	-
Huron (SD)	-	-	-42	-	-	-	-	-	-
Mobile (SD)	-	-5	-	-	-	-	-	-	-
Redfield (SD)	-	3	4	-	-	-	-	*	*
Webster (SD)	-	-7	-	-	-	-	-	-	-
Yankton New (SD)	-	44	-	-	-	-	-	*	-
Oakdale South San Joaquin	**-**	**-**	**-**	**51,985**	**-**	**-**	**-**	**-**	**-**
Beardsley (CA)	-	-	-	5,991	-	-	-	-	-
Donnels (CA)	-	-	-	35,172	-	-	-	-	-
Tulloch (CA)	-	-	-	10,822	-	-	-	-	-
Oglethorpe Power Corp	**-**	**-**	**45,055**	**-47,167**	**-**	**-**	**-**	**-**	**522**
Rocky Mountain (GA)	-	-	-	-47,160	-	-	-	-	-
Sewell Creek Energy (GA)	-	-	1,972	-	-	-	-	-	24
Smarr Energy (GA)	-	-	15,192	-	-	-	-	-	175
Talbot (GA)	-	-	27,891	-	-	-	-	-	322
Tallassee (GA)	-	-	-	-7	-	-	-	-	-
Ohio Edison Co	**1,482,656**	**481**	**56,515**	**-**	**-**	**-**	**619**	**1**	**713**
Burger, R E (OH)	196,752	158	-	-	-	-	93	*	-
Edgewater (OH)	-	81	10,057	-	-	-	-	1	116
Mad River (OH)	-	48	-	-	-	-	-	*	-
Sammis (OH)	1,285,904	194	-	-	-	-	526	*	-
West Lorain (OH)	-	-	46,458	-	-	-	-	-	597
Ohio Power Co	**2,821,942**	**9,487**	**-**	**7,925**	**-**	**-**	**1,152**	**17**	**-**
Gavin, Gen J M (OH)	1,092,727	5,838	-	-	-	-	452	10	-
Kammer (WV)	260,951	411	-	-	-	-	105	1	-
Mitchell (WV)	797,116	2,188	-	-	-	-	314	4	-
Muskingum River (OH)	671,148	1,050	-	-	-	-	281	2	-
Racine (OH)	-	-	-	7,925	-	-	-	-	-
Ohio Valley Elec Corp	**471,772**	**380**	**-**	**-**	**-**	**-**	**199**	**1**	**-**
Kyger Creek (OH)	471,772	380	-	-	-	-	199	1	-
Oklahoma Gas & Elec Co	**1,279,660**	**48**	**771,628**	**-**	**-**	**-**	**768**	**-**	**8,390**
Conoco (OK)	-	-	30,072	-	-	-	-	-	316
Enid (OK)	-	-	4,645	-	-	-	-	-	51
Horseshoe Lake (OK)	-	-	152,938	-	-	-	-	-	1,686

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Oklahoma Gas & Elec Co (Continued)									
Muskogee (OK)	608,097	-	33,152	-	-	-	382	-	365
Mustang (OK)	-	-	139,206	-	-	-	-	-	1,478
Seminole (OK)	-	-	411,605	-	-	-	-	-	4,494
Sooner (OK)	671,563	48	-	-	-	-	386	*	-
Woodward (OK)	-	-	10	-	-	-	-	-	*
Oklahoma Mun Power Authority	**-**	**-**	**11,026**	**2,209**	**-**	**-**	**-**	**-**	**87**
Kaw Hydro (OK)	-	-	-	2,209	-	-	-	-	-
Ponca Steam (OK)	-	-	-	-	-	-	-	-	-
Ponca Steam (OK)	-	-	11,026	-	-	-	-	-	87
Omaha Public Power Dist	**627,127**	**187**	**10,459**	**-**	**345,342**	**-**	**395**	**1**	**135**
Fort Calhoun (NE)	-	-	-	-	345,342	-	-	-	-
Jones Street (NE)	-	149	-	-	-	-	-	1	-
Nebraska City (NE)	409,137	38	-	-	-	-	233	*	-
North Omaha (NE)	217,990	-	2,662	-	-	-	162	-	33
Sarpy (NE)	-	-	7,797	-	-	-	-	-	102
Orlando (City of)	**504,483**	**1,812**	**9,487**	**-**	**-**	**4,616**	**214**	**4**	**126**
Indian River (FL)	-	921	9,170	-	-	-	-	2	122
St Cloud (FL)	-	48	317	-	-	-	-	*	4
Stanton (FL)	504,483	843	-	-	-	4,616	214	1	-
Oroville Wyandotte I Dist	**-**	**-**	**-**	**7,802**	**-**	**-**	**-**	**-**	**-**
Forbestown (CA)	-	-	-	1,997	-	-	-	-	-
Kelly Ridge (CA)	-	-	-	1,460	-	-	-	-	-
Sly Creek (CA)	-	-	-	734	-	-	-	-	-
Woodleaf (CA)	-	-	-	3,611	-	-	-	-	-
Orrville (City of)	**22,234**	**-**	**20**	**-**	**-**	**-**	**13**	**-**	**-**
Orrville (OH)	22,234	-	20	-	-	-	13	-	*
Otter Tail Power Co	**436,848**	**818**	**-**	**2,008**	**-**	**-**	**320**	**1**	**-**
Bemidji (MN)	-	-	-	-	-	-	-	-	-
Big Stone (SD)	145,517	70	-	-	-	-	95	*	-
Coyote (ND)	221,679	679	-	-	-	-	182	1	-
Dayton Hollow (MN)	-	-	-	689	-	-	-	-	-
Hoot Lake (MN)	69,652	10	-	203	-	-	43	*	-
Jamestown (ND)	-	59	-	-	-	-	-	*	-
Lake Preston (SD)	-	-	-	-	-	-	-	*	-
Pisgah (MN)	-	-	-	448	-	-	-	-	-
Taplin Gorge (MN)	-	-	-	376	-	-	-	-	-
Wright (MN)	-	-	-	292	-	-	-	-	-
Owensboro (City of)	**185,512**	**556**	**-**	**-**	**-**	**-**	**98**	**2**	**-**
Elmer Smith (KY)	185,512	556	-	-	-	-	98	2	-
Pacific Gas & Electric Co	**-**	**1,739**	**41,790**	**819,477**	**1,558,103**	**-**	**-**	**4**	**551**
Alta (CA)	-	-	-	251	-	-	-	-	-
Balch 1 (CA)	-	-	-	4,486	-	-	-	-	-
Balch 2 (CA)	-	-	-	34,148	-	-	-	-	-
Belden (CA)	-	-	-	49,561	-	-	-	-	-
Black, James B (CA)	-	-	-	39,541	-	-	-	-	-
Bucks Creek (CA)	-	-	-	26,951	-	-	-	-	-
Butt Valley (CA)	-	-	-	23,173	-	-	-	-	-
Caribou 1 (CA)	-	-	-	27,517	-	-	-	-	-
Caribou 2 (CA)	-	-	-	53,487	-	-	-	-	-
Centerville (CA)	-	-	-	1,650	-	-	-	-	-
Chili Bar (CA)	-	-	-	2,048	-	-	-	-	-
Coal Canyon (CA)	-	-	-	-	-	-	-	-	-
Coleman (CA)	-	-	-	3,828	-	-	-	-	-
Cow Creek (CA)	-	-	-	177	-	-	-	-	-
Crane Valley (CA)	-	-	-	585	-	-	-	-	-
Cresta (CA)	-	-	-	21,684	-	-	-	-	-
De Sabla (CA)	-	-	-	4,876	-	-	-	-	-
Deer Creek (CA)	-	-	-	2,230	-	-	-	-	-
Diablo Canyon (CA)	-	-	-	-	1,558,103	-	-	-	-
Downieville (CA)	-	-	-	-	-	-	-	-	-
Drum 1 (CA)	-	-	-	2,025	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Pacific Gas & Electric Co (Continued)									
Drum 2 (CA)	-	-	-	13,246	-	-	-	-	-
Dutch Flat (CA)	-	-	-	59	-	-	-	-	-
Electra (CA)	-	-	-	27,151	-	-	-	-	-
Haas (CA)	-	-	-	35,795	-	-	-	-	-
Halsey (CA)	-	-	-	5,086	-	-	-	-	-
Hamilton Branch (CA)	-	-	-	1,279	-	-	-	-	-
Hat Creek 1 (CA)	-	-	-	2,612	-	-	-	-	-
Hat Creek 2 (CA)	-	-	-	3,559	-	-	-	-	-
Helms (CA)	-	-	-	-12,400	-	-	-	-	-
Humbolt Bay (CA)	-	1,233	12,895	-	-	-	-	3	215
Hunters Point (CA)	-	506	28,895	-	-	-	-	1	336
Inskip (CA)	-	-	-	2,449	-	-	-	-	-
Kerckhoff (CA)	-	-	-	-	-	-	-	-	-
Kerckhoff 2 (CA)	-	-	-	30,302	-	-	-	-	-
Kern Canyon (CA)	-	-	-	2,852	-	-	-	-	-
Kilarc (CA)	-	-	-	792	-	-	-	-	-
Kings River (CA)	-	-	-	11,756	-	-	-	-	-
Lime Saddle (CA)	-	-	-	478	-	-	-	-	-
Merced Falls (CA)	-	-	-	1,042	-	-	-	-	-
Mobile Turbine (CA)	-	-	-	-	-	-	-	-	-
Narrows (CA)	-	-	-	6,655	-	-	-	-	-
Newcastle (CA)	-	-	-	2,584	-	-	-	-	-
Oak Flat (CA)	-	-	-	311	-	-	-	-	-
Phoenix (CA)	-	-	-	1,056	-	-	-	-	-
Pit 1 (CA)	-	-	-	20,617	-	-	-	-	-
Pit 3 (CA)	-	-	-	25,904	-	-	-	-	-
Pit 4 (CA)	-	-	-	32,641	-	-	-	-	-
Pit 5 (CA)	-	-	-	56,800	-	-	-	-	-
Pit 6 (CA)	-	-	-	21,428	-	-	-	-	-
Pit 7 (CA)	-	-	-	26,550	-	-	-	-	-
Poe (CA)	-	-	-	36,558	-	-	-	-	-
Potter Valley (CA)	-	-	-	1,854	-	-	-	-	-
PVUSA 1 (CA)	-	-	-	-	-	-	-	-	-
Rock Creek (CA)	-	-	-	35,578	-	-	-	-	-
Salt Springs (CA)	-	-	-	19,275	-	-	-	-	-
San Joaquin 3 (CA)	-	-	-	2,771	-	-	-	-	-
San Joaquin No. 1a (CA)	-	-	-	258	-	-	-	-	-
San Joaquin No. 2 (CA)	-	-	-	-	-	-	-	-	-
South (CA)	-	-	-	3,018	-	-	-	-	-
Spaulding No. 1 (CA)	-	-	-	1,336	-	-	-	-	-
Spaulding No. 2 (CA)	-	-	-	902	-	-	-	-	-
Spaulding No. 3 (CA)	-	-	-	-	-	-	-	-	-
Spring Gap (CA)	-	-	-	1,959	-	-	-	-	-
Stanislaus (CA)	-	-	-	40,303	-	-	-	-	-
Tiger Creek (CA)	-	-	-	27,130	-	-	-	-	-
Toadtown (CA)	-	-	-	211	-	-	-	-	-
Tule River (CA)	-	-	-	-	-	-	-	-	-
Volta (CA)	-	-	-	2,611	-	-	-	-	-
Volta 2 (CA)	-	-	-	308	-	-	-	-	-
West Point (CA)	-	-	-	8,625	-	-	-	-	-
Wise (CA)	-	-	-	8,590	-	-	-	-	-
Wishon, A G (CA)	-	-	-	9,368	-	-	-	-	-
Pacificorp	**3,911,395**	**3,520**	**117,018**	**133,652**	**-**	**17,020**	**2,131**	**6**	**1,336**
American Fork (UT)	-	-	-	480	-	-	-	-	-
Ashton (ID)	-	-	-	2,970	-	-	-	-	-
Beaver Upper (UT)	-	-	-	301	-	-	-	-	-
Bend (OR)	-	-	-	425	-	-	-	-	-
Big Fork (MT)	-	-	-	1,359	-	-	-	-	-
Blundell (UT)	-	-	-	-	-	17,020	-	-	-
Bridger, Jim (WY)	1,345,462	1,149	-	-	-	-	764	2	-
Carbon (UT)	80,663	478	-	-	-	-	38	1	-
Clearwater 1 (OR)	-	-	-	3,267	-	-	-	-	-
Clearwater 2 (OR)	-	-	-	2,441	-	-	-	-	-
Cline Falls (OR)	-	-	-	-	-	-	-	-	-
Condit (WA)	-	-	-	3,952	-	-	-	-	-
Copco 1 (CA)	-	-	-	4,034	-	-	-	-	-
Copco 2 (CA)	-	-	-	4,995	-	-	-	-	-
Cove (ID)	-	-	-	1,168	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Pacificorp (Continued)									
Cutler (UT)	-	-	-	808	-	-	-	-	-
Eagle Point (OR)	-	-	-	1,157	-	-	-	-	-
East Side (OR)	-	-	-	274	-	-	-	-	-
Fall Creek (CA)	-	-	-	921	-	-	-	-	-
Fish Creek (OR)	-	-	-	578	-	-	-	-	-
Ftn Green (UT)	-	-	-	40	-	-	-	-	-
Gadsby (UT)	-	-	107,284	-	-	-	-	-	1,190
Grace (ID)	-	-	-	5,928	-	-	-	-	-
Granite (UT)	-	-	-	487	-	-	-	-	-
Hunter (emery) (UT)	818,680	746	-	-	-	-	359	1	-
Huntington Canyon (UT)	576,553	933	-	-	-	-	270	2	-
Hydro No. 1 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 2 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 3 (UT)	-	-	-	-	-	-	-	-	-
Iron Gate (CA)	-	-	-	4,621	-	-	-	-	-
John C Boyle (OR)	-	-	-	3,243	-	-	-	-	-
Johnston, Dave (WY)	505,227	57	-	-	-	-	340	*	-
Last Chance (UT)	-	-	-	318	-	-	-	-	-
Lemolo 1 (OR)	-	-	-	7,575	-	-	-	-	-
Lemolo 2 (OR)	-	-	-	9,541	-	-	-	-	-
Little Mountain (UT)	-	-	5,843	-	-	-	-	-	106
Merwin (WA)	-	-	-	10,258	-	-	-	-	-
Naches (WA)	-	-	-	2,600	-	-	-	-	-
Naches Drop (WA)	-	-	-	738	-	-	-	-	-
Naughton (WY)	355,275	-	3,891	-	-	-	191	-	40
Olmstead (UT)	-	-	-	561	-	-	-	-	-
Oneida (ID)	-	-	-	1,862	-	-	-	-	-
Paris (ID)	-	-	-	93	-	-	-	-	-
Pioneer (UT)	-	-	-	1,276	-	-	-	-	-
Powerdale (OR)	-	-	-	965	-	-	-	-	-
Prospect 1 (OR)	-	-	-	-	-	-	-	-	-
Prospect 2 (OR)	-	-	-	822	-	-	-	-	-
Prospect 3 (OR)	-	-	-	1,155	-	-	-	-	-
Prospect 4 (OR)	-	-	-	-	-	-	-	-	-
Skookumchuck (WA)	-	-	-	62	-	-	-	-	-
Slide Creek (OR)	-	-	-	4,026	-	-	-	-	-
Snake Creek (UT)	-	-	-	185	-	-	-	-	-
Soda (ID)	-	-	-	698	-	-	-	-	-
Soda Springs (OR)	-	-	-	2,914	-	-	-	-	-
St Anthony (ID)	-	-	-	-	-	-	-	-	-
Stairs (UT)	-	-	-	359	-	-	-	-	-
Swift 1 (WA)	-	-	-	11,145	-	-	-	-	-
Swift No. 2 (WA)	-	-	-	-	-	-	-	-	-
Toketee (OR)	-	-	-	17,371	-	-	-	-	-
Viva (WY)	-	-	-	-7	-	-	-	-	-
Wallowa Falls (OR)	-	-	-	732	-	-	-	-	-
Weber (UT)	-	-	-	1,038	-	-	-	-	-
West Side (OR)	-	-	-	-2	-	-	-	-	-
Wyodak (WY)	229,535	157	-	-	-	-	169	*	-
Yale (WA)	-	-	-	13,918	-	-	-	-	-
Painesville (City of)	**10,862**	**-**	**40**	**-**	**-**	**-**	**6**	**-**	**1**
Painesville (OH)	10,862	-	40	-	-	-	6	-	1
Pasadena (City of)	**-**	**-**	**22,134**	**565**	**-**	**-**	**-**	**-**	**278**
Azusa (CA)	-	-	-	565	-	-	-	-	-
Broadway (CA)	-	-	22,134	-	-	-	-	-	278
Glenarm (CA)	-	-	-	-	-	-	-	-	-
Peabody (City of)	**-**	**763**	**1,197**	**-**	**-**	**-**	**-**	**1**	**17**
Waters River (MA)	-	763	1,197	-	-	-	-	1	17
Pend Oreille Pub Util D#1	**-**	**-**	**-**	**28,548**	**-**	**-**	**-**	**-**	**-**
Box Canyon (WA)	-	-	-	28,548	-	-	-	-	-
Calispel Creek (WA)	-	-	-	-	-	-	-	-	-
Pennsylvania Power Co	**1,172,942**	**6,468**	**-**	**-**	**1,154,533**	**-**	**395**	**11**	**-**
Beaver Valley (PA)	-	-	-	-	1,154,533	-	-	-	-
Mansfield, Bruce (PA)	1,172,942	6,468	-	-	-	-	395	11	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Piqua (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Piqua (OH)	-	-	-	-	-	-	-	-	-
Placer County Wtr Agency	**-**	**-**	**-**	**30,941**	**-**	**-**	**-**	**-**	**-**
French Meadows (CA)	-	-	-	6,375	-	-	-	-	-
Hell Hole (CA)	-	-	-	305	-	-	-	-	-
Middle Fork (CA)	-	-	-	14,128	-	-	-	-	-
Oxbow (CA)	-	-	-	575	-	-	-	-	-
Ralston (CA)	-	-	-	9,558	-	-	-	-	-
Platte River Power Auth	**182,438**	**305**	**5,354**	**-**	**-**	**1,178**	**107**	**1**	**87**
Medicine Bow (WY)	-	-	-	-	-	1,178	-	-	-
Rawhide (CO)	182,438	305	5,354	-	-	-	107	1	87
Portland General Elec Co	**391,607**	**55**	**181,356**	**145,538**	**-**	**-**	**218**	**-**	**1,554**
Beaver (OR)	-	6	56,979	-	-	-	-	*	642
Boardman (OR)	391,607	49	-	-	-	-	218	*	-
Bull Run (OR)	-	-	-	1,104	-	-	-	-	-
Coyote Springs (OR)	-	-	124,377	-	-	-	-	-	912
Faraday (OR)	-	-	-	4,141	-	-	-	-	-
North Fork (OR)	-	-	-	4,958	-	-	-	-	-
Oak Grove (OR)	-	-	-	19,081	-	-	-	-	-
Pelton (OR)	-	-	-	29,320	-	-	-	-	-
Pelton Re Regulation (OR)	-	-	-	3,982	-	-	-	-	-
Portland Hydro Proj 1 (OR)	-	-	-	1	-	-	-	-	-
Portland Hydro Proj 2 (OR)	-	-	-	-	-	-	-	-	-
River Mill (OR)	-	-	-	3,284	-	-	-	-	-
Round Butte (OR)	-	-	-	68,652	-	-	-	-	-
Sullivan (OR)	-	-	-	11,015	-	-	-	-	-
Power Authy of St of N Y	**-**	**11,540**	**411,840**	**1,395,279**	**-**	**-**	**-**	**20**	**4,054**
Ashokan (NY)	-	-	-	-	-	-	-	-	-
Blenheim (NY)	-	-	-	-47,140	-	-	-	-	-
Brentwood (NY)	-	-	13,168	-	-	-	-	-	133
Crescent (NY)	-	-	-	1,871	-	-	-	-	-
Flynn (NY)	-	-	102,508	-	-	-	-	-	791
Harlem (NY)	-	-	29,838	-	-	-	-	-	310
Hell Gate (NY)	-	-	28,303	-	-	-	-	-	293
Hinckley (NY)	-	-	-	705	-	-	-	-	-
Kensico (NY)	-	-	-	-	-	-	-	-	-
Lewiston (NY)	-	-	-	-35,346	-	-	-	-	-
Moses Niagara (NY)	-	-	-	943,997	-	-	-	-	-
Moses Power Dam (NY)	-	-	-	529,281	-	-	-	-	-
Poletti (NY)	-	11,540	225,959	-	-	-	-	20	2,400
Pouch (NY)	-	-	3,136	-	-	-	-	-	32
Vernon (NY)	-	-	8,928	-	-	-	-	-	95
Vischer Ferry (NY)	-	-	-	1,911	-	-	-	-	-
PSI Energy, Inc	**2,919,591**	**4,241**	**185,461**	**22,184**	**-**	**-**	**1,382**	**8**	**1,218**
Cayuga (IN)	495,877	209	2,257	-	-	-	232	*	29
Connersville (IN)	-	-14	-	-	-	-	-	-	-
Edwardsport (IN)	18,313	87	-	-	-	-	12	*	-
Gallagher, R (IN)	209,299	1,926	-	-	-	-	110	4	-
Gibson (IN)	1,789,858	1,771	-	-	-	-	820	3	-
Markland (IN)	-	-	-	22,184	-	-	-	-	-
Miami Wabash (IN)	-	-45	-	-	-	-	-	-	-
Noblesville (IN)	28,437	82	-	-	-	-	16	*	-
Wabash River (IN)	377,807	225	183,204	-	-	-	192	*	1,189
Pub Serv Co of New Hamp	**255,640**	**58,153**	**18,703**	**7,105**	**-**	**-**	**110**	**111**	**219**
Amoskeag (NH)	-	-	-	34	-	-	-	-	-
Ayers Island (NH)	-	-	-	272	-	-	-	-	-
Canaan (VT)	-	-	-	402	-	-	-	-	-
Eastman Falls (NH)	-	-	-	159	-	-	-	-	-
Garvins Falls (NH)	-	-	-	-22	-	-	-	-	-
Gorham (NH)	-	-	-	742	-	-	-	-	-
Hooksett (NH)	-	-	-	9	-	-	-	-	-
Jackman (NH)	-	-	-	14	-	-	-	-	-
Lost Nation (NH)	-	122	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Pub Serv Co of New Hamp (Continued)									
Merrimack (NH)	200,952	1,130	-	-	-	-	80	2	-
Newington (NH)	-	54,110	18,703	-	-	-	-	104	219
Schiller (NH)	54,688	2,547	-	-	-	-	30	3	-
Smith (NH)	-	-	-	5,495	-	-	-	-	-
White Lake (NH)	-	244	-	-	-	-	-	1	-
Pub Serv Co of New Mexico	**998,275**	**4,534**	**13,653**	**-**	**-**	**-**	**535**	**7**	**166**
Las Vegas (NM)	-	-6	-	-	-	-	-	-	-
Reeves (NM)	-	-	13,653	-	-	-	-	-	166
San Juan (NM)	998,275	4,540	-	-	-	-	535	7	-
Public Service Co of Colo	**1,415,390**	**3**	**433,566**	**720**	**-**	**4,058**	**813**	**-**	**3,364**
Alamosa (CO)	-	-	15	-	-	-	-	-	1
Ames (CO)	-	-	-	726	-	-	-	-	-
Arapahoe (CO)	88,874	-	12,909	-	-	-	63	-	183
Boulder Hydro (CO)	-	-	-	-	-	-	-	-	-
Cabin Creek (CO)	-	-	-	-5,794	-	-	-	-	-
Cameo (CO)	40,543	-	619	-	-	-	26	-	9
Cherokee (CO)	185,781	-	313	-	-	-	97	-	4
Comanche (CO)	356,402	-	921	-	-	-	221	-	10
Fort Lupton (CO)	-	-	360	-	-	-	-	-	5
Fort St. Vrain (CO)	-	-	417,190	-	-	-	-	-	3,129
Fruita (CO)	-	-	1	-	-	-	-	-	*
Georgetown Hydro (CO)	-	-	-	4	-	-	-	-	-
Hayden (CO)	297,094	3	-	-	-	-	149	*	-
Palisade Hydro (CO)	-	-	-	-	-	-	-	-	-
Pawnee (CO)	327,838	-	649	-	-	-	205	-	7
Ponnequin (CO)	-	-	-	-	-	4,058	-	-	-
Salida No. 1 Hydro (CO)	-	-	-	-	-	-	-	-	-
Salida No. 2 Hydro (CO)	-	-	-	91	-	-	-	-	-
Shoshone Hydro (CO)	-	-	-	5,693	-	-	-	-	-
Tacoma (CO)	-	-	-	-	-	-	-	-	-
Valmont (CO)	118,858	-	291	-	-	-	52	-	5
Zuni (CO)	-	-	298	-	-	-	-	-	13
Public Service Co of Okla	**615,533**	**-**	**785,239**	**-**	**-**	**-**	**371**	**-**	**7,534**
Comanche (OK)	-	-	123,181	-	-	-	-	-	1,116
Northeastern (OK)	615,533	-	333,789	-	-	-	371	-	2,902
Riverside (OK)	-	-	234,859	-	-	-	-	-	2,471
Southwestern (OK)	-	-	73,671	-	-	-	-	-	821
Tulsa (OK)	-	-	17,403	-	-	-	-	-	220
Weleetka (OK)	-	-	2,336	-	-	-	-	-	4
Puget Sound Pwr & Lgt Co	**-**	**2,383**	**81,538**	**77,401**	**-**	**-**	**-**	**4**	**877**
Crystal Mountain (WA)	-	2	-	-	-	-	-	*	-
Electron (WA)	-	-	-	10,483	-	-	-	-	-
Encogen (WA)	-	-	77,842	-	-	-	-	-	839
Frederickson (WA)	-	-	-	-	-	-	-	-	-
Fredonia (WA)	-	2,381	3,696	-	-	-	-	4	38
Lower Baker (WA)	-	-	-	29,450	-	-	-	-	-
Nooksack (WA)	-	-	-	-	-	-	-	-	-
Snoqualmie (WA)	-	-	-	5,247	-	-	-	-	-
South Whidbey (WA)	-	-	-	-	-	-	-	-	-
Upper Baker (WA)	-	-	-	26,429	-	-	-	-	-
White River (WA)	-	-	-	5,792	-	-	-	-	-
Whitehorn (WA)	-	-	-	-	-	-	-	-	-
Redding (City of)	**-**	**-**	**21,400**	**1,835**	**-**	**-**	**-**	**-**	**218**
Redding Power (CA)	-	-	21,400	-	-	-	-	-	218
Whiskeytown (CA)	-	-	-	1,835	-	-	-	-	-
Reliant Energy HL&P	**2,698,128**	**-**	**947,362**	**-**	**1,809,080**	**-**	**1,794**	**-**	**10,984**
Bertron, Sam (TX)	-	-	62,646	-	-	-	-	-	775
Cedar Bayou (TX)	-	-	446,463	-	-	-	-	-	5,089
Clarke, Hiram (TX)	-	-	68	-	-	-	-	-	1
Deepwater (TX)	-	-	2,644	-	-	-	-	-	39
Greens Bayou (TX)	-	-	32,830	-	-	-	-	-	464
Limestone (TX)	1,086,301	-	3,145	-	-	-	785	-	32
Parish, W A (TX)	1,611,827	-	145,103	-	-	-	1,009	-	1,394

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Reliant Energy HL&P (Continued)									
Robinson, P H (TX)	-	-	10,767	-	-	-	-	-	132
San Jacinto (TX)	-	-	110,396	-	-	-	-	-	1,333
South Texas (TX)	-	-	-	-	1,809,080	-	-	-	-
Webster (TX)	-	-	5,129	-	-	-	-	-	73
Wharton, T H (TX)	-	-	128,171	-	-	-	-	-	1,654
Richmond (City of)	**47,632**	**62**	**-**	**-**	**-**	**-**	**24**	**-**	**-**
Whitewater Valley (IN)	47,632	62	-	-	-	-	24	*	-
Rochester (City of)	**2,858**	**-**	**248**	**889**	**-**	**-**	**2**	**-**	**5**
Cascade Creek (MN)	-	-	-	-	-	-	-	-	-
Rochester (MN)	-	-	-	889	-	-	-	-	-
Silver Lake (MN)	2,858	-	248	-	-	-	2	-	5
Rochester Gas & Elec Corp	**138,452**	**235**	**598**	**2,075**	**336,869**	**-**	**56**	**-**	**9**
Ginna (NY)	-	-	-	-	336,869	-	-	-	-
Station 160 (NY)	-	-	-	-	-	-	-	-	-
Station 170 (NY)	-	-	-	52	-	-	-	-	-
Station 2 (NY)	-	-	-	-	-	-	-	-	-
Station 26 (NY)	-	-	-	160	-	-	-	-	-
Station 3 (NY)	-	127	-	-	-	-	-	*	-
Station 5 (NY)	-	-	-	1,863	-	-	-	-	-
Station 7 (NY)	138,452	108	-	-	-	-	56	*	-
Station 9 (NY)	-	-	598	-	-	-	-	-	9
Ruston (City of)	**-**	**-**	**597**	**-**	**-**	**-**	**-**	**-**	**6**
Ruston (LA)	-	-	597	-	-	-	-	-	6
Sacramento Mun Util Dist	**-**	**-**	**143,968**	**133,428**	**-**	**674**	**-**	**-**	**1,696**
Camino (CA)	-	-	-	34,970	-	-	-	-	-
Camp Far W (CA)	-	-	-	-	-	-	-	-	-
Campbell Soup (CA)	-	-	70,762	-	-	-	-	-	864
Carson (CA)	-	-	29,608	-	-	-	-	-	371
Hedge PV (CA)	-	-	-	-	-	38	-	-	-
Jaybird (CA)	-	-	-	53,425	-	-	-	-	-
Jones Fork (CA)	-	-	-	1,611	-	-	-	-	-
Loon Lake (CA)	-	-	-	951	-	-	-	-	-
McClellan (CA)	-	-	1,451	-	-	-	-	-	20
Proc&Gamble (CA)	-	-	42,147	-	-	-	-	-	441
Robbs Peak (CA)	-	-	-	236	-	-	-	-	-
Slab Creek (CA)	-	-	-	82	-	-	-	-	-
Solano (CA)	-	-	-	-	-	400	-	-	-
Solar (CA)	-	-	-	-	-	236	-	-	-
Union Valley (CA)	-	-	-	13,813	-	-	-	-	-
White Rock (CA)	-	-	-	28,340	-	-	-	-	-
Safe Harbor Water Power Corp	**-**	**-**	**-**	**10,718**	**-**	**-**	**-**	**-**	**-**
Safe Harbor (PA)	-	-	-	10,718	-	-	-	-	-
Salt River Project	**1,952,604**	**1,681**	**273,445**	**24,899**	**-**	**39**	**949**	**3**	**2,581**
Agua Fria (AZ)	-	-	78,117	-	-	39	-	-	898
Coronado (AZ)	482,089	370	-	-	-	-	257	1	-
Crosscut (AZ)	-	-	-	138	-	-	-	-	-
Horse Mesa (AZ)	-	-	-	15,190	-	-	-	-	-
Kyrene (AZ)	-	-	95,742	-	-	-	-	-	788
Mormon Flat (AZ)	-	-	-	9,021	-	-	-	-	-
Navajo (AZ)	1,470,515	1,311	-	-	-	-	692	3	-
Roosevelt (AZ)	-	-	-	-18	-	-	-	-	-
San Tan (AZ)	-	-	99,586	-	-	-	-	-	895
South Con (AZ)	-	-	-	11	-	-	-	-	-
Stewart Mtn (AZ)	-	-	-	557	-	-	-	-	-
San Antonio Pub Serv Brd	**955,896**	**49**	**269,343**	**-**	**-**	**-**	**551**	**-**	**2,413**
Arthur von Rosenburg (TX)	-	-	141,110	-	-	-	-	-	1,022
Braunig, V H (TX)	-	-	47,299	-	-	-	-	-	538
Deely, J T (TX)	551,089	27	-	-	-	-	336	*	-
J K Spruce (TX)	404,807	-	8	-	-	-	215	-	*
Leon Creek (TX)	-	-	-120	-	-	-	-	-	-
Mission Road (TX)	-	-	-172	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
San Antonio Pub Serv Brd (Continued)									
Sommers, O W (TX)	-	22	72,323	-	-	-	-	*	743
Tuttle, W B (TX)	-	-	8,895	-	-	-	-	-	109
San Miguel Elec Coop Inc	**252,514**	**564**	**-**	**-**	**-**	**-**	**304**	**2**	**-**
San Miguel (TX)	252,514	564	-	-	-	-	304	2	-
Santa Clara (City of)	**-**	**-**	**4,318**	**994**	**-**	**-**	**-**	**-**	**66**
Black Butte (CA)	-	-	-	802	-	-	-	-	-
Cogen Plant (CA)	-	-	4,181	-	-	-	-	-	63
Gianera (CA)	-	-	137	-	-	-	-	-	2
Grizzly (CA)	-	-	-	-	-	-	-	-	-
Highline (CA)	-	-	-	192	-	-	-	-	-
Stony Gorge (CA)	-	-	-	-	-	-	-	-	-
Savannah Elec & Pwr Co	**221,493**	**155**	**17,408**	**-**	**-**	**-**	**97**	**-**	**228**
Boulevard (GA)	-	-	-	-	-	-	-	-	-
Kraft (GA)	123,045	-	4,243	-	-	-	56	-	47
McIntosh (GA)	98,448	155	13,065	-	-	-	41	*	179
Riverside (GA)	-	-	100	-	-	-	-	-	2
Seattle (City of)	**-**	**-**	**-**	**311,167**	**-**	**-**	**-**	**-**	**-**
Boundary (WA)	-	-	-	173,870	-	-	-	-	-
Cedar Falls (WA)	-	-	-	-29	-	-	-	-	-
Diablo (WA)	-	-	-	43,497	-	-	-	-	-
Gorge (WA)	-	-	-	51,676	-	-	-	-	-
New Halem (WA)	-	-	-	-5	-	-	-	-	-
Ross Dam (WA)	-	-	-	36,749	-	-	-	-	-
South Fork Tolt (WA)	-	-	-	5,409	-	-	-	-	-
Seminole Electric Coop	**766,846**	**90,881**	**141,066**	**-**	**-**	**-**	**321**	**34**	**1,603**
Payne Creek (FL)	-	-	141,066	-	-	-	-	-	1,603
Seminole (FL)	766,846	90,881	-	-	-	-	321	34	-
Sierra Pacific Power Co	**167,071**	**2,702**	**197,180**	**2,635**	**-**	**-**	**73**	**5**	**2,804**
26 Foot Drop (NV)	-	-	-	-	-	-	-	-	-
Battle Mt (NV)	-	-31	-	-	-	-	-	-	-
Brunswick (NV)	-	-26	-	-	-	-	-	*	-
Elko (NV)	-	-	-	-	-	-	-	-	-
Fallon (NV)	-	-	-	-	-	-	-	-	-
Farad (CA)	-	-	-	-2	-	-	-	-	-
Fleish (NV)	-	-	-	-2	-	-	-	-	-
Fort Churchill (NV)	-	-	88,348	-	-	-	-	-	907
Gabbs (NV)	-	-33	-	-	-	-	-	-	-
Kings Beach (CA)	-	12	-	-	-	-	-	*	-
Lahontan (NV)	-	-	-	-	-	-	-	-	-
North Valmy (NV)	167,071	545	-	-	-	-	73	1	-
Pinon Pine (NV)	-	-	-	-	-	-	-	-	-
Portola (CA)	-	-3	-	-	-	-	-	*	-
Tracy (NV)	-	2,264	108,893	-	-	-	-	4	1,897
Valley Road (NV)	-	-26	-	-	-	-	-	-	-
Verdi (NV)	-	-	-	1,556	-	-	-	-	-
Washoe (NV)	-	-	-	1,083	-	-	-	-	-
Winnemucca (NV)	-	-	-61	-	-	-	-	-	*
Sikeston (City of)	**150,016**	**164**	**-**	**-**	**-**	**-**	**95**	**-**	**-**
Coleman, E. P. (MO)	-	9	-	-	-	-	-	*	-
Sikeston (MO)	150,016	155	-	-	-	-	95	*	-
So Carolina Elec & Gas Co	**1,381,310**	**9,626**	**117,557**	**-11,789**	**697,230**	**-**	**533**	**13**	**936**
Burton (SC)	-	-	20	-	-	-	-	-	1
Canadys (SC)	141,951	455	360	-	-	-	57	1	4
Coit (SC)	-	-	-	-	-	-	-	-	-
Columbia Hydro (SC)	-	-	-	1,396	-	-	-	-	-
Cope (SC)	281,504	3	-	-	-	-	110	*	-
Faber Place (SC)	-	-	-	-	-	-	-	-	-
Fairfield County (SC)	-	-	-	-26,245	-	-	-	-	-
Hagood (SC)	-	392	878	-	-	-	-	1	12
Hardeeville (SC)	-	10	-	-	-	-	-	*	-
Mcmeekin (SC)	105,875	17	-	-	-	-	40	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
So Carolina Elec & Gas Co (Continued)									
Neal Shoals (SC)	-	-	-	-	-	-	-	-	-
Parr (SC)	-	-	59	-	-	-	-	-	1
Parr Hydro (SC)	-	-	-	2,783	-	-	-	-	-
Saluda Hydro (SC)	-	-	-	6,297	-	-	-	-	-
SRS (SC)	10,298	31	-	-	-	-	13	*	-
Stevens Creek Hydro (GA)	-	-	-	3,980	-	-	-	-	-
Urquhart (SC)	58,669	7,837	116,237	-	-	-	21	11	919
V. C. Summer (SC)	-	-	-	-	697,230	-	-	-	-
Wateree (SC)	406,309	290	-	-	-	-	151	*	-
Williams (SC)	376,704	591	3	-	-	-	140	1	*
So Carolina Pub Serv Auth	**1,593,328**	**1,497**	**183,416**	**16,199**	**-**	**676**	**633**	**3**	**1,318**
Cross (SC)	713,300	336	-	-	-	-	268	1	-
Grainger, Dolphus M (SC)	90,165	85	-	-	-	-	38	*	-
Hilton Head (SC)	-	237	-	-	-	-	-	1	-
Horry County (SC)	-	-	-	-	-	676	-	-	-
Jefferies (SC)	169,714	249	-	15,051	-	-	73	*	-
Myrtle Beach (SC)	-	123	-1	-	-	-	-	1	*
Rainey (SC)	-	-	183,417	-	-	-	-	-	1,318
Spillway (SC)	-	-	-	1,285	-	-	-	-	-
St Stephens (SC)	-	-	-	-137	-	-	-	-	-
Winyah (SC)	620,149	467	-	-	-	-	254	1	-
South Miss Elec Pwr Assoc	**242,581**	**2,324**	**40,419**	**-**	**-**	**-**	**105**	**4**	**484**
Benndale (MS)	-	-	-	-	-	-	-	-	-
Morrow (MS)	242,581	2,297	-	-	-	-	105	4	-
Moselle (MS)	-	27	40,419	-	-	-	-	*	484
Paulding (MS)	-	-	-	-	-	-	-	-	-
Southern Calif Edison Co	**889,070**	**2,534**	**380**	**284,182**	**1,592,288**	**-**	**415**	**5**	**4**
Baker Dam (CA)	-	-	-	-	-	-	-	-	-
Big Creek 1 (CA)	-	-	-	30,568	-	-	-	-	-
Big Creek 2 (CA)	-	-	-	31,949	-	-	-	-	-
Big Creek 2a (CA)	-	-	-	46,552	-	-	-	-	-
Big Creek 3 (CA)	-	-	-	49,793	-	-	-	-	-
Big Creek 4 (CA)	-	-	-	23,833	-	-	-	-	-
Big Creek 8 (CA)	-	-	-	27,421	-	-	-	-	-
Bishop Creek 2 (CA)	-	-	-	1,374	-	-	-	-	-
Bishop Creek 3 (CA)	-	-	-	2,480	-	-	-	-	-
Bishop Creek 4 (CA)	-	-	-	3,851	-	-	-	-	-
Bishop Creek 5 (CA)	-	-	-	1,230	-	-	-	-	-
Bishop Creek 6 (CA)	-	-	-	907	-	-	-	-	-
Borel (CA)	-	-	-	1,941	-	-	-	-	-
Dominguez Hills (CA)	-	-	-	-	-	-	-	-	-
Eastwood (CA)	-	-	-	24,280	-	-	-	-	-
Fontana (CA)	-	-	-	131	-	-	-	-	-
Kaweah 1 (CA)	-	-	-	278	-	-	-	-	-
Kaweah 2 (CA)	-	-	-	-2	-	-	-	-	-
Kaweah 3 (CA)	-	-	-	-3	-	-	-	-	-
Kern River 1 (CA)	-	-	-	10,200	-	-	-	-	-
Kern River 3 (CA)	-	-	-	96	-	-	-	-	-
Lundy (CA)	-	-	-	330	-	-	-	-	-
Lytle Creek (CA)	-	-	-	61	-	-	-	-	-
Mammoth Pool (CA)	-	-	-	18,384	-	-	-	-	-
Mill Creek 1 (CA)	-	-	-	100	-	-	-	-	-
Mill Creek 3 (CA)	-	-	-	277	-	-	-	-	-
Mohave (NV)	889,070	-	380	-	-	-	415	-	4
Ontario 1 (CA)	-	-	-	70	-	-	-	-	-
Ontario 2 (CA)	-	-	-	31	-	-	-	-	-
Pebbly Beach (CA)	-	2,534	-	-	-	-	-	5	-
Poole (CA)	-	-	-	301	-	-	-	-	-
Portal (CA)	-	-	-	3,902	-	-	-	-	-
Rush Creek (CA)	-	-	-	3,248	-	-	-	-	-
San Gorgonio (CA)	-	-	-	-	-	-	-	-	-
San Onofre (CA)	-	-	-	-	1,592,288	-	-	-	-
Santa Ana 1 (CA)	-	-	-	141	-	-	-	-	-
Santa Ana 3 (CA)	-	-	-	-8	-	-	-	-	-
Sierra (CA)	-	-	-	46	-	-	-	-	-
Tule River (CA)	-	-	-	420	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Southern Ill Pwr Coop	**77,646**	**4,824**	**-**	**-**	**-**	**-**	**51**	**3**	**-**
Marion (IL)	77,646	4,824	-	-	-	-	51	3	-
Southern Indiana G & E Co	**577,731**	**-**	**16,555**	**-**	**-**	**-**	**271**	**-**	**308**
A. B. Brown (IN)	252,784	-	12,023	-	-	-	118	-	205
Broadway (IN)	-	-	3,884	-	-	-	-	-	95
Culley (IN)	218,441	-	413	-	-	-	104	-	5
Northeast (IN)	-	-	-	-	-	-	-	-	-
Warrick (IN)	106,506	-	235	-	-	-	49	-	3
Southwestern Elec Pwr Co	**1,588,759**	**925**	**287,707**	**-**	**-**	**-**	**1,075**	**2**	**3,108**
Arsenal Hill (LA)	-	-	17,469	-	-	-	-	-	229
Flint Creek (AR)	323,501	389	-	-	-	-	202	1	-
Knox Lee (TX)	-	-	71,156	-	-	-	-	-	770
Lieberman (LA)	-	-	17,928	-	-	-	-	-	215
Lone Star (TX)	-	-	1,484	-	-	-	-	-	19
Pirkey (TX)	372,971	-	373	-	-	-	320	-	4
Welsh (TX)	892,287	536	-	-	-	-	552	1	-
Wilkes (TX)	-	-	179,297	-	-	-	-	-	1,872
Southwestern Pub Serv Co	**1,357,144**	**-**	**422,023**	**-**	**-**	**-**	**778**	**-**	**5,253**
Carlsbad (NM)	-	-	-	-	-	-	-	-	-
Cunningham (NM)	-	-	95,653	-	-	-	-	-	1,030
Harrington (TX)	677,643	-	374	-	-	-	390	-	4
Jones (TX)	-	-	157,657	-	-	-	-	-	1,675
Maddox (NM)	-	-	9,928	-	-	-	-	-	93
Moore County (TX)	-	-	-18	-	-	-	-	-	6
Nichols (TX)	-	-	107,564	-	-	-	-	-	1,213
Plant X (TX)	-	-	50,620	-	-	-	-	-	1,229
Riverview (TX)	-	-	-	-	-	-	-	-	-
Tolk Station (TX)	679,501	-	245	-	-	-	388	-	2
Tucumcari (NM)	-	-	-	-	-	-	-	*	-
Springfield (City of)	**187,649**	**174**	**-**	**-**	**-**	**-**	**103**	**-**	**-**
Dallman (IL)	174,506	38	-	-	-	-	94	*	-
Factory (IL)	-	96	-	-	-	-	-	*	-
Interstate (IL)	-	-	-	-	-	-	-	-	-
Lakeside (IL)	13,143	40	-	-	-	-	9	*	-
Reynolds (IL)	-	-	-	-	-	-	-	-	-
Springfield (City of)	**261,469**	**-**	**14,649**	**-**	**-**	**-**	**163**	**-**	**166**
James River (MO)	138,634	-	3,648	-	-	-	89	-	46
Main Street (MO)	-	-	-	-	-	-	-	-	-
McCartney (MO)	-	-	5,402	-	-	-	-	-	59
Moonlake (NE)	-	-	5,402	-	-	-	-	-	59
Southwest (MO)	122,835	-	197	-	-	-	74	-	2
St Joseph Lgt & Pwr Co	**60,471**	**-**	**1,156**	**-**	**-**	**-**	**35**	**-**	**27**
Lake Road (MO)	60,471	-	1,156	-	-	-	35	-	27
Sunflower Elec Coop	**218,920**	**-**	**10,884**	**-**	**-**	**-**	**130**	**-**	**124**
Garden City (KS)	-	-	10,629	-	-	-	-	-	121
Holcomb (KS)	218,920	-	255	-	-	-	130	-	4
Systems Energy Resources Inc	**-**	**-**	**-**	**-**	**324,094**	**-**	**-**	**-**	**-**
Grand Gulf (MS)	-	-	-	-	324,094	-	-	-	-
Tacoma (City of)	**-**	**-**	**-**	**174,163**	**-**	**-**	**-**	**-**	**-**
Alder (WA)	-	-	-	11,683	-	-	-	-	-
Cushman 1 (WA)	-	-	-	15,652	-	-	-	-	-
Cushman 2 (WA)	-	-	-	26,920	-	-	-	-	-
La Grande (WA)	-	-	-	17,924	-	-	-	-	-
Mayfield (WA)	-	-	-	36,126	-	-	-	-	-
Mossyrock (WA)	-	-	-	65,858	-	-	-	-	-
Wynoochee (WA)	-	-	-	-	-	-	-	-	-
Tallahassee (City of)	**-**	**1,863**	**210,296**	**999**	**-**	**-**	**-**	**4**	**1,767**
Hopkins, Arvah B (FL)	-	1,810	65,206	-	-	-	-	4	707
Jackson Bluff (FL)	-	-	-	999	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Tallahassee (City of) (Continued)									
Purdom, S O (FL)	-	53	145,090	-	-	-	-	*	1,060
Tampa Electric Co	**1,234,928**	**28,037**	**23,776**	**-**	**-**	**-**	**602**	**48**	**252**
Big Bend (FL)	640,457	3,011	-	-	-	-	296	7	-
Coal Storage (FL)	-	-	-	-	-	-	-	-	-
Gannon, F J (FL)	473,530	2,062	-	-	-	-	255	5	-
Hookers Point (FL)	-	-165	-	-	-	-	-	-	-
Polk (FL)	120,941	11,819	23,776	-	-	-	52	18	252
S Dinner Lk (FL)	-	-	-	-	-	-	-	-	-
S Phillips (FL)	-	11,310	-	-	-	-	-	18	-
Taunton (City of)	**-**	**707**	**29,301**	**-**	**-**	**-**	**-**	**1**	**308**
Cleary, B F (MA)	-	707	29,301	-	-	-	-	1	308
Tennessee Valley Auth	**8,051,748**	**13,538**	**581**	**857,930**	**3,917,043**	**-**	**3,563**	**25**	**11**
Allen (TN)	330,630	317	-92	-	-	-	165	1	*
Apalachia (TN)	-	-	-	42,872	-	-	-	-	-
Blue Ridge (GA)	-	-	-	2,438	-	-	-	-	-
Boone (TN)	-	-	-	9,323	-	-	-	-	-
Browns Ferry (AL)	-	-	-	-	1,499,973	-	-	-	-
Bull Run (TN)	622,853	-	-	-	-	-	225	-	-
Chatuge (NC)	-	-	-	2,542	-	-	-	-	-
Cherokee (TN)	-	-	-	21,316	-	-	-	-	-
Chickamauga (TN)	-	-	-	49,565	-	-	-	-	-
Colbert (AL)	628,393	2,525	673	-	-	-	282	5	11
Cumberland (TN)	1,341,020	3,978	-	-	-	-	565	7	-
Douglas (TN)	-	-	-	16,303	-	-	-	-	-
Fontana (NC)	-	-	-	67,267	-	-	-	-	-
Fort Loudoun (TN)	-	-	-	50,797	-	-	-	-	-
Fort Patrick Henry (TN)	-	-	-	6,090	-	-	-	-	-
Gallatin (TN)	609,951	863	-	-	-	-	287	2	-
Great Falls (TN)	-	-	-	1,672	-	-	-	-	-
Guntersville (AL)	-	-	-	46,803	-	-	-	-	-
Hiwassee (NC)	-	-	-	37,640	-	-	-	-	-
Johnsonville (TN)	767,843	2,377	-	-	-	-	310	5	-
Kentucky (KY)	-	-	-	82,821	-	-	-	-	-
Kingston (TN)	724,655	1,227	-	-	-	-	299	2	-
Melton Hill (TN)	-	-	-	10,234	-	-	-	-	-
Nickajack (TN)	-	-	-	44,659	-	-	-	-	-
Norris (TN)	-	-	-	33,085	-	-	-	-	-
Nottely (GA)	-	-	-	2,040	-	-	-	-	-
Ocoee 1 (TN)	-	-	-	5,255	-	-	-	-	-
Ocoee 2 (TN)	-	-	-	3,629	-	-	-	-	-
Ocoee 3 (TN)	-	-	-	4,087	-	-	-	-	-
Paradise (KY)	1,115,831	196	-	-	-	-	570	*	-
Pickwick (TN)	-	-	-	76,443	-	-	-	-	-
Raccoon Mountain (TN)	-	-	-	-25,805	-	-	-	-	-
Sequoyah (TN)	-	-	-	-	1,605,861	-	-	-	-
Sevier, John (TN)	324,262	857	-	-	-	-	128	1	-
Shawnee (KY)	719,426	877	-	-	-	-	335	2	-
South Holston (TN)	-	-	-	8,498	-	-	-	-	-
Tims Ford (TN)	-	-	-	2,643	-	-	-	-	-
Watauga (TN)	-	-	-	4,013	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	48,267	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	811,209	-	-	-	-
Wheeler (AL)	-	-	-	67,442	-	-	-	-	-
Widows Creek (AL)	866,884	321	-	-	-	-	397	1	-
Wilbur (TN)	-	-	-	564	-	-	-	-	-
Wilson (AL)	-	-	-	135,427	-	-	-	-	-
Terrebonne Parish Consol Govt	**-**	**-37**	**8,265**	**-**	**-**	**-**	**-**	**-**	**117**
Houma (LA)	-	-37	8,265	-	-	-	-	-	117
Texas Mun Power Agency	**315,019**	**-**	**2**	**-**	**-**	**-**	**186**	**-**	**-**
Gibbons Creek (TX)	315,019	-	2	-	-	-	186	-	*
Texas-New Mexico Power Co	**241,108**	**-**	**346**	**-**	**-**	**-**	**172**	**-**	**3**
TNP One (TX)	241,108	-	346	-	-	-	172	-	3

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Toledo Edison Co (The)	**336,667**	**594**	**23,842**	**-**	**-2,868**	**-**	**144**	**1**	**329**
Bay Shore (OH)	336,667	268	-	-	-	-	144	1	-
Davis-Besse (OH)	-	-	-	-	-2,868	-	-	-	-
Richland (OH)	-	331	23,842	-	-	-	-	1	329
Stryker (OH)	-	-5	-	-	-	-	-	*	-
Tri-state G & T Assn Inc	**993,436**	**433**	**860**	**-**	**-**	**-**	**520**	**1**	**6**
Burlington (CO)	-	433	-	-	-	-	-	1	-
Craig (CO)	797,530	-	500	-	-	-	406	-	5
Escalante (NM)	151,262	-	12	-	-	-	89	-	*
Nucla (CO)	44,644	-	348	-	-	-	25	-	1
Tucson Electric Power Co	**529,922**	**254**	**89,781**	**-**	**-**	**2,235**	**315**	**1**	**1,111**
De Moss Petrie (AZ)	-	-	5,760	-	-	-	-	-	92
Irvington (AZ)	62,032	-	79,496	-	-	2,235	26	-	947
North Loop (AZ)	-	-	4,525	-	-	-	-	-	72
Springerville (AZ)	467,890	254	-	-	-	-	289	1	-
Turlock Irrigation Dist	**-**	**-**	**8,904**	**18,624**	**-**	**-**	**-**	**-**	**85**
Almond (CA)	-	-	8,762	-	-	-	-	-	82
Hickman (CA)	-	-	-	370	-	-	-	-	-
Lagrange (CA)	-	-	-	241	-	-	-	-	-
New Don Pedro (CA)	-	-	-	16,391	-	-	-	-	-
Turlock Lake (CA)	-	-	-	804	-	-	-	-	-
Uppr Dawson (CA)	-	-	-	818	-	-	-	-	-
Walnut (CA)	-	-	142	-	-	-	-	-	3
United Power Assn	**111,289**	**128**	**617**	**-**	**-**	**13,800**	**92**	**-**	**10**
Cambridge (MN)	-	45	-	-	-	-	-	*	-
Elk River (MN)	-	-	617	-	-	13,800	-	-	10
Maple Lake (MN)	-	40	-	-	-	-	-	*	-
Rock Lake (MN)	-	43	-	-	-	-	-	*	-
Stanton (ND)	111,289	-	-	-	-	-	92	-	-
USBR-Great Plains Region	**-**	**-**	**-**	**87,407**	**-**	**-**	**-**	**-**	**-**
Alcova (WY)	-	-	-	3,361	-	-	-	-	-
Big Thompson (CO)	-	-	-	-4	-	-	-	-	-
Boysen (WY)	-	-	-	1,658	-	-	-	-	-
Buffalo Bill (WY)	-	-	-	2,688	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	18,925	-	-	-	-	-
Estes (CO)	-	-	-	3,305	-	-	-	-	-
Flatiron (CO)	-	-	-	4,802	-	-	-	-	-
Fremont Canyon (WY)	-	-	-	7,765	-	-	-	-	-
Glendo (WY)	-	-	-	-20	-	-	-	-	-
Green Mountain (CO)	-	-	-	12	-	-	-	-	-
Guernsey (WY)	-	-	-	-10	-	-	-	-	-
Heart Mountain (WY)	-	-	-	3,182	-	-	-	-	-
Kortes (WY)	-	-	-	5,091	-	-	-	-	-
Marys Lake (CO)	-	-	-	1,219	-	-	-	-	-
Mount Elbert (CO)	-	-	-	-3,489	-	-	-	-	-
Pilot Butte (WY)	-	-	-	127	-	-	-	-	-
Pole Hill (CO)	-	-	-	3,848	-	-	-	-	-
Seminoe (WY)	-	-	-	3,865	-	-	-	-	-
Shoshone (WY)	-	-	-	1,797	-	-	-	-	-
Spirit Mountain (WY)	-	-	-	2,871	-	-	-	-	-
Yellowtail (MT)	-	-	-	26,414	-	-	-	-	-
USBR-Lower Colorado Region	**-**	**-**	**-**	**419,132**	**-**	**-**	**-**	**-**	**-**
Davis (AZ)	-	-	-	95,416	-	-	-	-	-
Hoover (AZ)	-	-	-	130,729	-	-	-	-	-
Hoover (NV)	-	-	-	153,924	-	-	-	-	-
Parker (CA)	-	-	-	39,063	-	-	-	-	-
USBR-Mid Pacific Region	**-**	**-**	**-**	**329,702**	**-**	**-**	**-**	**-**	**-**
Folsom (CA)	-	-	-	23,711	-	-	-	-	-
Judge F Carr (CA)	-	-	-	34,435	-	-	-	-	-
Keswick (CA)	-	-	-	32,903	-	-	-	-	-
Lewiston (CA)	-	-	-	184	-	-	-	-	-
New Melones (CA)	-	-	-	33,112	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
USBR-Mid Pacific Region (Continued)									
Nimbus (CA)	-	-	-	3,156	-	-	-	-	-
O Neill (CA)	-	-	-	-	-	-	-	-	-
Shasta (CA)	-	-	-	139,794	-	-	-	-	-
Spring Creek (CA)	-	-	-	29,526	-	-	-	-	-
Stampede (CA)	-	-	-	233	-	-	-	-	-
Trinity (CA)	-	-	-	32,648	-	-	-	-	-
USBR-Pacific NW Region	**-**	**-**	**-**	**1,414,263**	**-**	**-**	**-**	**-**	**-**
Anderson Ranch (ID)	-	-	-	11,702	-	-	-	-	-
Black Canyon (ID)	-	-	-	2,907	-	-	-	-	-
Boise River Div (ID)	-	-	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	2,586	-	-	-	-	-
Grand Coulee (WA)	-	-	-	1,249,686	-	-	-	-	-
Green Springs (OR)	-	-	-	4,916	-	-	-	-	-
Hungry Horse (MT)	-	-	-	81,524	-	-	-	-	-
Minidoka (ID)	-	-	-	13,224	-	-	-	-	-
Palisades (ID)	-	-	-	44,483	-	-	-	-	-
Roza (WA)	-	-	-	3,235	-	-	-	-	-
USBR-Upper Colorado Region	**-**	**-**	**-**	**283,029**	**-**	**-**	**-**	**-**	**-**
Blue Mesa (CO)	-	-	-	14,818	-	-	-	-	-
Crystal (CO)	-	-	-	9,495	-	-	-	-	-
Deer Creek (UT)	-	-	-	1,173	-	-	-	-	-
Elephant Butte (NM)	-	-	-	6,043	-	-	-	-	-
Flaming Gorge (UT)	-	-	-	16,739	-	-	-	-	-
Fontenelle (WY)	-	-	-	2,828	-	-	-	-	-
Glen Canyon (AZ)	-	-	-	212,532	-	-	-	-	-
Lower Molina (CO)	-	-	-	657	-	-	-	-	-
McPhee (CO)	-	-	-	-	-	-	-	-	-
Morrow Point (CO)	-	-	-	17,627	-	-	-	-	-
Towaoc (CO)	-	-	-	-15	-	-	-	-	-
Upper Molina (CO)	-	-	-	1,132	-	-	-	-	-
USCE-Hartwell Power Plant	**-**	**-**	**-**	**16,652**	**-**	**-**	**-**	**-**	**-**
Hartwell (GA)	-	-	-	16,652	-	-	-	-	-
USCE-J Strom Thur Pwr Plt	**-**	**-**	**-**	**24,745**	**-**	**-**	**-**	**-**	**-**
J Strom Thurmond (SC)	-	-	-	24,745	-	-	-	-	-
USCE-Kansas City Dist	**-**	**-**	**-**	**3,195**	**-**	**-**	**-**	**-**	**-**
Harry S Truman (MO)	-	-	-	1,120	-	-	-	-	-
Stockton (MO)	-	-	-	2,075	-	-	-	-	-
USCE-Little Rock	**-**	**-**	**-**	**259,726**	**-**	**-**	**-**	**-**	**-**
Beaver (AR)	-	-	-	23,631	-	-	-	-	-
Bull Shoals (AR)	-	-	-	149,344	-	-	-	-	-
Dardanelle (AR)	-	-	-	14,317	-	-	-	-	-
Greers Ferry (AR)	-	-	-	5,617	-	-	-	-	-
Norfork (AR)	-	-	-	31,620	-	-	-	-	-
Ozark (AR)	-	-	-	9,122	-	-	-	-	-
Table Rock (MO)	-	-	-	26,075	-	-	-	-	-
USCE-Missouri River District	**-**	**-**	**-**	**737,343**	**-**	**-**	**-**	**-**	**-**
Big Bend (SD)	-	-	-	78,469	-	-	-	-	-
Fort Peck (MT)	-	-	-	62,318	-	-	-	-	-
Fort Randall (SD)	-	-	-	175,889	-	-	-	-	-
Garrison (ND)	-	-	-	143,795	-	-	-	-	-
Gavins Point (NE)	-	-	-	77,600	-	-	-	-	-
Oahe (SD)	-	-	-	199,272	-	-	-	-	-
USCE-Mobile District	**-**	**-**	**-**	**104,857**	**-**	**-**	**-**	**-**	**-**
Allatoona (GA)	-	-	-	4,100	-	-	-	-	-
Buford (GA)	-	-	-	6,660	-	-	-	-	-
Carters (GA)	-	-	-	30,300	-	-	-	-	-
J Woodruff (FL)	-	-	-	11,265	-	-	-	-	-
Jones Bluff (AL)	-	-	-	17,082	-	-	-	-	-
Millers Ferry (AL)	-	-	-	20,901	-	-	-	-	-
Walter F George (GA)	-	-	-	8,440	-	-	-	-	-
West Point (GA)	-	-	-	6,109	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
USCE-Nashville	**-**	**-**	**-**	**177,041**	**-**	**-**	**-**	**-**	**-**
Barkley (KY)	-	-	-	49,065	-	-	-	-	-
Center Hill (TN)	-	-	-	11,205	-	-	-	-	-
Cheatham (TN)	-	-	-	11,768	-	-	-	-	-
Cordell Hull (TN)	-	-	-	22,341	-	-	-	-	-
Dale Hollow (TN)	-	-	-	7,274	-	-	-	-	-
J Percy Priest (TN)	-	-	-	2,490	-	-	-	-	-
Laurel (KY)	-	-	-	3,116	-	-	-	-	-
Old Hickory (TN)	-	-	-	26,670	-	-	-	-	-
Wolf Creek (KY)	-	-	-	43,112	-	-	-	-	-
USCE-North Pacific Div	**-**	**-**	**-**	**3,127,614**	**-**	**-**	**-**	**-**	**-**
Albeni Falls (ID)	-	-	-	17,985	-	-	-	-	-
Big Cliff (OR)	-	-	-	6,373	-	-	-	-	-
Bonneville (OR)	-	-	-	340,893	-	-	-	-	-
Chief Joseph (WA)	-	-	-	667,353	-	-	-	-	-
Cougar (OR)	-	-	-	-	-	-	-	-	-
Detroit (OR)	-	-	-	26,770	-	-	-	-	-
Dexter (OR)	-	-	-	7,514	-	-	-	-	-
Dworshak (ID)	-	-	-	133,921	-	-	-	-	-
Foster (OR)	-	-	-	3,369	-	-	-	-	-
Green Peter (OR)	-	-	-	9,535	-	-	-	-	-
Hills Creek (OR)	-	-	-	18,954	-	-	-	-	-
Ice Harbor (WA)	-	-	-	105,879	-	-	-	-	-
John Day (OR)	-	-	-	540,496	-	-	-	-	-
Libby (MT)	-	-	-	102,300	-	-	-	-	-
Little Goose (WA)	-	-	-	104,321	-	-	-	-	-
Lookout Point (OR)	-	-	-	24,285	-	-	-	-	-
Lost Creek (OR)	-	-	-	19,042	-	-	-	-	-
Lower Granite (WA)	-	-	-	106,859	-	-	-	-	-
Lower Monumental (WA)	-	-	-	107,106	-	-	-	-	-
McNary (OR)	-	-	-	364,333	-	-	-	-	-
The Dalles (WA)	-	-	-	420,326	-	-	-	-	-
USCE-R B Russell	**-**	**-**	**-**	**37,017**	**-**	**-**	**-**	**-**	**-**
R B Russell (GA)	-	-	-	37,017	-	-	-	-	-
USCE-Tulsa District	**-**	**-**	**-**	**54,765**	**-**	**-**	**-**	**-**	**-**
Broken Bow (OK)	-	-	-	4,037	-	-	-	-	-
Denison (TX)	-	-	-	9,455	-	-	-	-	-
Eufaula (OK)	-	-	-	2,913	-	-	-	-	-
Fort Gibson (OK)	-	-	-	312	-	-	-	-	-
Keystone (OK)	-	-	-	15,104	-	-	-	-	-
Robert S Kerr (OK)	-	-	-	13,374	-	-	-	-	-
Tenkiller Ferry (OK)	-	-	-	2,715	-	-	-	-	-
Webbers Falls (OK)	-	-	-	6,855	-	-	-	-	-
USCE-Vicksburg District	**-**	**-**	**-**	**11,930**	**-**	**-**	**-**	**-**	**-**
Blakely Mountain (AR)	-	-	-	6,788	-	-	-	-	-
Degray (AR)	-	-	-	4,167	-	-	-	-	-
Narrows (AR)	-	-	-	975	-	-	-	-	-
USCE-Wilmington	**-**	**-**	**-**	**7,914**	**-**	**-**	**-**	**-**	**-**
John H Kerr (VA)	-	-	-	7,542	-	-	-	-	-
Philpott (VA)	-	-	-	372	-	-	-	-	-
UtiliCorp United Inc	**180,074**	**133**	**15,147**	**-**	**-**	**-**	**96**	**-**	**203**
Green, Ralph (MO)	-	-	2,020	-	-	-	-	-	26
Greenwood (MO)	-	-	13,144	-	-	-	-	-	177
Kci (MO)	-	-	-17	-	-	-	-	-	-
Nevada (MO)	-	-	-	-	-	-	-	-	-
Sibley (MO)	180,074	133	-	-	-	-	96	*	-
UtiliCorp United Inc	**23,944**	**47**	**62,461**	**-**	**-**	**-**	**14**	**-**	**926**
Cimarron River (KS)	-	-	565	-	-	-	-	-	8
Clark, W N (CO)	23,944	-	-	-	-	-	14	-	-
Clifton (KS)	-	-	2,075	-	-	-	-	-	85
Judson Large (KS)	-	-	35,288	-	-	-	-	-	423
Mullergren, Arthur (KS)	-	-	18,942	-	-	-	-	-	293

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
UtiliCorp United Inc. (Continued)									
Pueblo (CO)	-	34	5,591	-	-	-	-	*	117
Rocky Ford (CO)	-	13	-	-	-	-	-	*	-
Vero Beach (City of)	**-**	**26**	**23,580**	**-**	**-**	**-**	**-**	**-**	**311**
Municipal Plant (FL)	-	26	23,580	-	-	-	-	*	311
Vineland (City of)	**6,708**	**611**	**-**	**-**	**-**	**-**	**3**	**1**	**-**
Down, Howard (NJ)	6,708	343	-	-	-	-	3	1	-
West (NJ)	-	268	-	-	-	-	-	1	-
Virginia Elec & Power Co	**3,183,440**	**75,313**	**223,095**	**-103,195**	**1,982,069**	**-**	**1,300**	**121**	**1,857**
1st Energy (VA)	-	-	-	-	-	-	-	-	-
Altavista (VA)	32,417	-	-	-	-	-	15	-	-
Bath County (VA)	-	-	-	-115,210	-	-	-	-	-
Bell Meade (VA)	-	-	59,955	-	-	-	-	-	547
Bremo Bluff (VA)	136,664	262	-	-	-	-	57	*	-
Chesapeake (VA)	311,155	234	-	-	-	-	124	*	-
Chesterfield (VA)	682,664	2,575	140,629	-	-	-	279	4	1,084
Clover (VA)	591,458	114	-	-	-	-	230	*	-
Cushaw (VA)	-	-	-	-	-	-	-	-	-
Darbytown (VA)	-	-	615	-	-	-	-	-	8
Gaston (NC)	-	-	-	7,027	-	-	-	-	-
Gravel Neck (VA)	-	-	1,507	-	-	-	-	-	18
Hopewell (VA)	-	-	-	-	-	-	-	-	-
Kitty Hawk (NC)	-	-	-	-	-	-	-	-	-
Low Moor (VA)	-	1	-	-	-	-	-	*	-
Mt Storm (WV)	952,877	3,584	-	-	-	-	385	6	-
North Anna (VA)	-	-	-	-	808,459	-	-	-	-
North Branch (WV)	54,053	74	-	-	-	-	33	*	-
Northern Neck (VA)	-	-	-	-	-	-	-	-	-
Possum Point (VA)	193,868	21,941	-	-	-	-	81	36	-
Roanoke Rapids (NC)	-	-	-	4,988	-	-	-	-	-
Southhampton (VA)	32,920	729	-	-	-	-	18	2	-
Surry (VA)	-	-	-	-	1,173,610	-	-	-	-
Yktn Term A (VA)	-	-	-	-	-	-	-	-	-
Yorktown (VA)	195,364	45,799	20,389	-	-	-	79	73	200
Waverly (City of)	**-**	**290**	**147**	**-**	**-**	**382**	**-**	**-**	**2**
East Hydro (IA)	-	-	-	-	-	-	-	-	-
North Plant (IA)	-	27	147	-	-	-	-	*	2
Northwest (IA)	-	-	-	-	-	259	-	-	-
Skeets 1 (IA)	-	-	-	-	-	123	-	-	-
South Plant (IA)	-	263	-	-	-	-	-	*	-
Western Farmers Elec Coop	**283,873**	**34**	**100,040**	**-**	**-**	**-**	**176**	**-**	**951**
Anadarko (OK)	-	-	79,660	-	-	-	-	-	738
Hugo (OK)	283,873	34	-	-	-	-	176	*	-
Mooreland (OK)	-	-	20,380	-	-	-	-	-	213
Wisconsin Electric Pwr Co	**1,808,097**	**1,821**	**27,921**	**27,901**	**520,408**	**190**	**1,082**	**3**	**340**
Appleton (WI)	-	-	-	780	-	-	-	-	-
Big Quinnesec 61 (MI)	-	-	-	-	-	-	-	-	-
Big Quinnesec 92 (MI)	-	-	-	8,047	-	-	-	-	-
Brule (MI)	-	-	-	1,414	-	-	-	-	-
Byron (WI)	-	-	-	-	-	190	-	-	-
Chalk Hill (MI)	-	-	-	2,332	-	-	-	-	-
Concord (WI)	-	-	5,078	-	-	-	-	-	74
Germantown (WI)	-	1,327	3,282	-	-	-	-	3	42
Hemlock Falls (MI)	-	-	-	897	-	-	-	-	-
Kingsford (MI)	-	-	-	2,169	-	-	-	-	-
Lower Paint (MI)	-	-	-	26	-	-	-	-	-
Michigamme Falls (MI)	-	-	-	2,138	-	-	-	-	-
Milwaukee County (WI)	1,882	-	7	-	-	-	5	-	*
Oil Storage (WI)	-	-	-	-	-	-	-	-	-
Paris (WI)	-	-	9,290	-	-	-	-	-	115
Peavy Falls (MI)	-	-	-	3,447	-	-	-	-	-
Pine (WI)	-	-	-	965	-	-	-	-	-
Pleasant Prairie (WI)	728,666	61	1,989	-	-	-	467	*	21
Point Beach (WI)	-	107	-	-	520,408	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, September 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Wisconsin Electric Pwr Co (Continued)									
Port Washington (WI)	105,543	158	-	-	-	-	57	*	-
Presque Isle (MI)	271,054	168	-	-	-	-	154	*	-
South Oak Creek (WI)	591,802	-	7,986	-	-	-	337	-	83
Sturgeon (MI)	-	-	-	232	-	-	-	-	-
Twin Falls (MI)	-	-	-	2,591	-	-	-	-	-
Valley (WI)	109,150	-	289	-	-	-	63	-	4
Way (MI)	-	-	-	568	-	-	-	-	-
White Rapids (MI)	-	-	-	2,295	-	-	-	-	-
Wisconsin Pub Serv Corp	**430,542**	**101**	**28,771**	**22,921**	**378,133**	**1,280**	**257**	**-**	**386**
Alexander (WI)	-	-	-	1,991	-	-	-	-	-
Caldron Falls (WI)	-	-	-	719	-	-	-	-	-
Eagle River (WI)	-	80	-	-	-	-	-	*	-
Glenmore (WI)	-	-	-	-	-	141	-	-	-
Grand Rapids (MI)	-	-	-	2,773	-	-	-	-	-
Grandfather Falls (WI)	-	-	-	8,312	-	-	-	-	-
Hat Rapids (WI)	-	-	-	725	-	-	-	-	-
High Falls (WI)	-	-	-	1,009	-	-	-	-	-
Jersey (WI)	-	-	-	251	-	-	-	-	-
Johnson Falls (WI)	-	-	-	752	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	378,133	-	-	-	-
Lincoln (WI)	-	-	-	-	-	1,139	-	-	-
Merrill (WI)	-	-	-	1,061	-	-	-	-	-
Oneida Casino (WI)	-	21	-	-	-	-	-	*	-
Otter Rapids (WI)	-	-	-	153	-	-	-	-	-
Peshtigo (WI)	-	-	-	247	-	-	-	-	-
Potato Rapids (WI)	-	-	-	252	-	-	-	-	-
Pulliam (WI)	177,246	-	2,732	-	-	-	116	-	32
Sandstone Rapids (WI)	-	-	-	797	-	-	-	-	-
Tomahawk (WI)	-	-	-	1,173	-	-	-	-	-
Wausau (WI)	-	-	-	2,706	-	-	-	-	-
West Marinette (WI)	-	-	14,203	-	-	-	-	-	202
Weston (WI)	253,296	-	11,836	-	-	-	141	-	152
Wisconsin Pwr & Lgt Co	**1,086,804**	**2,487**	**44,551**	**15,800**	**-**	**5,681**	**664**	**4**	**601**
Blackhawk (WI)	-	-	3,999	-	-	-	-	-	65
Columbia (WI)	574,928	1,730	-	-	-	-	367	3	-
Dewey, Nelson (WI)	110,770	11	-	-	-	100	58	*	-
Edgewater (WI)	401,106	693	-	-	-	5,581	239	1	-
Kilbourn (WI)	-	-	-	4,781	-	-	-	-	-
NA 1 (WI)	-	-	5,694	-	-	-	-	-	93
Prairie Du Sac (WI)	-	-	-	11,019	-	-	-	-	-
Rock River (WI)	-	53	34,337	-	-	-	-	*	434
Shawano (WI)	-	-	-	-	-	-	-	-	-
Sheepskin (WI)	-	-	521	-	-	-	-	-	8
Wolf Creek Nuclear Corp	**-**	**-**	**-**	**-**	**850,467**	**-**	**-**	**-**	**-**
Wolf Creek (KS)	-	-	-	-	850,467	-	-	-	-
Wolverine Pwr supply Coop	**-**	**20**	**4,975**	**-**	**-**	**-**	**-**	**-**	**65**
Gaylord (MI)	-	-	406	-	-	-	-	-	7
Johnson, George (MI)	-	-	3,498	-	-	-	-	-	41
Scottville (MI)	-	-	-	-	-	-	-	-	-
Tower (MI)	-	-	-	-	-	-	-	-	-
Vandyke, Claude (MI)	-	-	904	-	-	-	-	-	14
Vestaburg (MI)	-	20	167	-	-	-	-	*	3
Wyandotte (City of)	**19,460**	**-**	**67**	**-**	**-**	**1,922**	**12**	**-**	**1**
Wyandotte (MI)	19,460	-	67	-	-	1,922	12	-	1
Yuba County Water Agency	**-**	**-**	**-**	**41,875**	**-**	**-**	**-**	**-**	**-**
Fish Power (CA)	-	-	-	80	-	-	-	-	-
New Colgate (CA)	-	-	-	40,876	-	-	-	-	-
New Narrows (CA)	-	-	-	919	-	-	-	-	-

[1] Other energy sources include geothermal, wood, waste, wind, and solar.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Total may not equal sum of components because of independent rounding. • Net generation for jointly owned units is reported by the operator. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Station losses include energy used for pumped storage. • Generation is included for plants in test status. • Nuclear generation is included for those plants with an operating license issued authorizing fuel loading/low power testing prior to receipt of full power amendment. • Central storage is a common area for fuel stocks not assigned to specific plants. • Mcf=thousand cubic feet and bbls=barrels. • Holding Companies are: AEP is American Electric Power, APS is Allegheny Power System, ACE is Atlantic City Electric, CSW is Central & South West Corporation, CES is Commonwealth Energy System, DMV is Delmarva, EU is Eastern Utilities Associates Company, GPS is General Public Utilities, MSU is Middle South Utilities, NEES is New England Electric System, NU is Northeast Utilities, SC is Southern Company.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Monthly Plant Aggregates: U.S. Electric Utility Receipts, Cost, and Quality of Fossil Fuels

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Alabama Electric Coop Inc	**129**	**141.3**	**33.36**	**1.07**	**-**	**635.9**	**34.85**	**-**	**2,389**	**301.9**	**3.12**	**55**	**-**	**45**
Lowman (AL)	129	141.3	33.36	1.07	*	635.9	34.85	-	-	-	-	100	*	-
McWilliams (AL)	-	-	-	-	-	-	-	-	2,389	301.9	3.12	-	-	100
Alabama Power Co[3]	**2,445**	**142.3**	**29.89**	**0.71**	**3**	**527.1**	**30.66**	**-**	**4,911**	**342.1**	**3.57**	**91**	**-**	**9**
Barry (AL)	396	167.9	39.16	0.63	-	-	-	-	3,801	338.8	3.55	70	-	30
Gadsden (AL)	23	157.5	39.11	1.66	-	-	-	-	9	77.9	0.79	98	-	2
Gaston (AL)	540	153.3	36.79	1.50	2	523.1	30.32	-	-	-	-	100	*	-
GE Plastic (AL)	-	-	-	-	-	-	-	-	482	350.3	3.60	-	-	100
Gorgas 2 and 3 (AL)	264	159.1	39.06	0.82	1	531.3	31.02	-	-	-	-	100	*	-
Greene (AL)	119	142.5	33.24	1.41	-	-	-	-	3	360.7	3.71	100	-	*
James Miller (AL)	1,104	116.7	20.46	0.24	-	-	-	-	16	340.0	3.41	100	-	*
Washington (AL)	-	-	-	-	-	-	-	-	601	360.7	3.73	-	-	100
Ameren UE	**1,846**	**91.5**	**16.24**	**0.42**	**3**	**567.1**	**32.63**	**0.29**	**226**	**312.4**	**3.21**	**99**	**-**	**1**
Labadie (MO)	787	82.6	14.43	0.30	3	567.1	32.63	0.29	-	-	-	100	*	-
Meramec (MO)	270	102.0	19.20	0.44	-	-	-	-	39	315.0	3.24	99	-	1
Rush Island (MO)	460	92.7	15.65	0.41	-	-	-	-	-	-	-	100	-	-
Sioux (MO)	329	101.3	18.99	0.71	-	-	-	-	-	-	-	100	-	-
Venice No.2 (IL)	-	-	-	-	-	-	-	-	187	311.9	3.21	-	-	100
American Municipal Power	**72**	**121.6**	**28.63**	**2.05**	**-**	**-**	**-**	**-**	**3**	**510.9**	**5.31**	**100**	**-**	**-**
Gorsuch (OH)	72	121.6	28.63	2.05	-	-	-	-	3	510.9	5.31	100	-	*
Ames City of	**36**	**144.8**	**25.49**	**0.20**	**1**	**599.4**	**34.69**	**0.20**	**-**	**-**	**-**	**99**	**1**	**-**
Ames (IA)	36	144.8	25.49	0.20	1	599.4	34.69	0.20	-	-	-	99	1	-
Anchorage City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**510**	**214.0**	**2.14**	**-**	**-**	**100**
George Sullivan (AK)	-	-	-	-	-	-	-	-	510	214.0	2.14	-	-	100
Appalachian Power Co	**1,386**	**131.1**	**31.30**	**0.72**	**-**	**561.6**	**32.99**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Amos (WV)	692	131.2	31.72	0.77	-	-	-	-	-	-	-	100	-	-
Clinch River (VA)	132	136.5	34.23	0.77	*	540.5	31.68	-	-	-	-	100	*	-
Glen Lyn (VA)	56	146.1	38.40	0.89	-	-	-	-	-	-	-	100	-	-
Kanawha River (WV)	99	118.9	29.01	0.85	*	587.8	34.63	-	-	-	-	100	*	-
Mountaineer (WV)	407	129.9	29.23	0.56	-	-	-	-	-	-	-	100	-	-
Arizona Electric Pwr Coop Inc	**103**	**143.0**	**26.84**	**0.75**	**-**	**-**	**-**	**-**	**755**	**326.2**	**3.35**	**71**	**-**	**29**
Apache (AZ)	103	143.0	26.84	0.75	-	-	-	-	755	326.2	3.35	71	-	29
Arizona Public Service Co	**1,105**	**132.1**	**24.26**	**0.69**	**-**	**-**	**-**	**-**	**2,897**	**284.5**	**2.91**	**87**	**-**	**13**
Cholla (AZ)	370	156.2	30.42	0.51	-	-	-	-	1	404.7	4.13	100	-	*
Four Corners (NM)	735	118.8	21.16	0.78	-	-	-	-	45	377.8	3.82	100	-	*
Ocotillo (AZ)	-	-	-	-	-	-	-	-	705	287.0	2.93	-	-	100
Phoenix (AZ)	-	-	-	-	-	-	-	-	1,170	286.0	2.91	-	-	100
Saguaro (AZ)	-	-	-	-	-	-	-	-	648	273.0	2.81	-	-	100
Yucca (AZ)	-	-	-	-	-	-	-	-	329	284.0	2.89	-	-	100
Arkansas Power & Light Co	**996**	**45.8**	**8.01**	**0.26**	**2**	**546.9**	**32.33**	**0.50**	**2,572**	**317.9**	**3.25**	**87**	**-**	**13**
Couch (AR)	-	-	-	-	-	-	-	-	88	281.7	2.96	-	-	100
Independence (AR)	571	37.9	6.79	0.20	1	552.0	32.65	0.50	-	-	-	100	*	-
Lake Catherine (AR)	-	-	-	-	-	-	-	-	1,976	317.5	3.24	-	-	100
Lynch (AR)	-	-	-	-	*	540.0	31.91	0.50	38	297.6	3.03	-	*	100
Moses (AR)	-	-	-	-	-	-	-	-	59	262.9	2.68	-	-	100
Ritchie (AR)	-	-	-	-	-	-	-	-	411	337.9	3.44	-	-	100
Whitebluff (AR)	425	57.1	9.67	0.34	1	539.6	31.86	0.50	-	-	-	100	*	-
Associated Electric Coop Inc	**803**	**86.7**	**15.42**	**0.20**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Hill (MO)	435	79.5	14.21	0.20	-	-	-	-	-	-	-	100	-	-
Madrid (MO)	369	95.4	16.84	0.20	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co	**69**	**234.2**	**61.15**	**2.13**	**53**	**781.4**	**49.98**	**0.88**	**-**	**-**	**-**	**84**	**16**	**-**
Deepwater (NJ)	15	201.9	51.43	0.70	*	500.0	31.90	-	-	-	-	100	*	-
England (NJ)	54	242.9	63.84	2.53	53	782.2	50.03	0.88	-	-	-	81	19	-
Basin Electric Power Coop	**1,443**	**66.1**	**9.82**	**0.44**	**5**	**583.0**	**33.76**	**0.34**	**-**	**-**	**-**	**100**	**-**	**-**
Antelope Valley (ND)	546	71.2	9.39	0.57	-	-	-	-	-	-	-	100	-	-
Laramie River (WY)	661	55.9	9.21	0.31	3	588.0	34.05	0.34	-	-	-	100	*	-
Leland Olds (ND)	237	88.1	12.53	0.52	2	577.8	33.46	0.34	-	-	-	100	*	-
Big Rivers Electric Corp	**25**	**122.0**	**29.18**	**3.34**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Reid-Henderson (KY)	25	122.0	29.18	3.34	-	-	-	-	-	-	-	100	-	-
Black Hills Corp	**44**	**48.9**	**7.96**	**0.48**	**-**	**623.0**	**37.38**	**0.04**	**-**	**-**	**-**	**100**	**-**	**-**
Neal Simpson II (WY)	44	48.9	7.96	0.48	*	623.0	37.38	0.04	-	-	-	100	*	-
Braintree City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**198**	**359.0**	**3.70**	**-**	**-**	**100**
Potter Station (MA)	-	-	-	-	-	-	-	-	198	359.0	3.70	-	-	100
Brazos Electric Power Coop Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**986**	**298.7**	**2.99**	**-**	**-**	**100**
Miller (TX)	-	-	-	-	-	-	-	-	986	298.7	2.99	-	-	100
Bryan City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**353**	**306.6**	**3.13**	**-**	**-**	**100**
Bryan (TX)	-	-	-	-	-	-	-	-	17	307.2	3.13	-	-	100
Dansby (TX)	-	-	-	-	-	-	-	-	336	306.6	3.13	-	-	100
Burbank City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**217**	**720.5**	**7.33**	**-**	**-**	**100**
Magnolia-Olive (CA)	-	-	-	-	-	-	-	-	217	720.5	7.33	-	-	100

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Cardinal Operating Co	**211**	**137.8**	**33.32**	**1.49**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Cardinal (OH)	211	137.8	33.32	1.49	-	-	-	-	-	-	-	100	-	-
Carolina Power & Light Co	**1,307**	**188.0**	**46.93**	**0.79**	**14**	**533.3**	**30.91**	**0.20**	**-**	**-**	**-**	**100**	**-**	**-**
Asheville (NC)	105	187.1	46.77	0.77	*	549.5	31.85	0.20	-	-	-	100	*	-
Cape Fear (NC)	58	160.1	40.17	0.94	4	518.2	30.04	0.20	-	-	-	99	1	-
Lee (NC)	85	174.7	43.83	0.79	3	516.4	29.93	0.20	-	-	-	99	1	-
Mayo (NC)	164	201.6	49.92	0.68	2	528.9	30.66	0.20	-	-	-	100	*	-
Robinson (SC)	21	181.3	47.62	1.73	-	-	-	-	-	-	-	100	-	-
Roxboro (NC)	707	189.7	47.15	0.75	5	555.9	32.22	0.20	-	-	-	100	*	-
Sutton (NC)	141	190.3	48.11	0.88	1	528.5	30.63	0.20	-	-	-	100	*	-
Weatherspoon (NC)	27	162.5	41.24	1.06	-	-	-	-	-	-	-	100	-	-
Cedar Falls City of	**5**	**171.3**	**42.65**	**1.36**	**-**	**-**	**-**	**-**	**3**	**364.6**	**3.65**	**97**	**-**	**3**
Streeter (IA)	5	171.3	42.65	1.36	-	-	-	-	3	364.6	3.65	97	-	3
Central Electric Pwr Coop-MO	**24**	**117.9**	**21.52**	**0.52**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Chamois (MO)	24	117.9	21.52	0.52	-	-	-	-	-	-	-	100	-	-
Central Illinois Light Co	**98**	**161.3**	**34.63**	**3.55**	**-**	**686.0**	**40.05**	**0.04**	**-**	**-**	**-**	**100**	**-**	**-**
Duck Creek (IL)	98	161.3	34.63	3.55	*	686.0	40.05	0.04	-	-	-	100	*	-
Central Iowa Power Coop	**15**	**140.4**	**31.99**	**2.76**	**-**	**-**	**-**	**-**	**82**	**309.7**	**3.12**	**81**	**-**	**19**
Fair Station (IA)	15	140.4	31.99	2.76	-	-	-	-	3	427.4	4.28	99	-	1
Summit Lake (IA)	-	-	-	-	-	-	-	-	79	305.0	3.07	-	-	100
Central Louisiana Elec Co Inc	**542**	**137.7**	**20.75**	**0.75**	**-**	**-**	**-**	**-**	**2,711**	**321.6**	**3.33**	**74**	**-**	**26**
Dolet Hills (LA)	346	138.3	18.93	0.92	-	-	-	-	1	395.7	4.10	100	-	*
Rodemacher (LA)	196	136.9	23.97	0.46	-	-	-	-	1,508	315.6	3.28	69	-	31
Teche (LA)	-	-	-	-	-	-	-	-	1,202	329.2	3.39	-	-	100
Central Operating Co	**203**	**116.6**	**28.26**	**1.09**	**4**	**596.0**	**34.21**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sporn (WV)	203	116.6	28.26	1.09	4	596.0	34.21	-	-	-	-	100	*	-
Chugach Electric Assn Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,123**	**211.6**	**2.12**	**-**	**-**	**100**
Beluga (AK)	-	-	-	-	-	-	-	-	1,123	211.6	2.12	-	-	100
Cincinnati Gas & Electric Co	**1,001**	**115.0**	**28.42**	**2.20**	**12**	**546.4**	**31.94**	**0.20**	**-**	**-**	**-**	**100**	**-**	**-**
Beckjord (OH)	209	121.8	29.45	1.04	2	523.5	31.61	0.22	-	-	-	100	*	-
East Bend (KY)	157	120.5	29.05	2.46	*	554.8	31.83	0.26	-	-	-	100	*	-
Miami Fort (OH)	315	119.6	29.82	1.28	5	558.8	32.49	0.03	-	-	-	100	*	-
Zimmer (OH)	319	103.6	26.07	3.74	6	544.9	31.61	0.34	-	-	-	100	*	-
Coffeyville City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**180**	**313.0**	**3.13**	**-**	**-**	**100**
Coffeyville (KS)	-	-	-	-	-	-	-	-	180	313.0	3.13	-	-	100
Colorado Springs City of	**162**	**87.4**	**17.59**	**0.38**	**-**	**-**	**-**	**-**	**347**	**225.9**	**2.24**	**90**	**-**	**10**
Birdsall (CO)	-	-	-	-	-	-	-	-	298	215.9	2.14	-	-	100
Drake (CO)	81	95.3	21.62	0.51	-	-	-	-	27	374.1	3.72	99	-	1
Nixon (CO)	82	77.4	13.62	0.26	-	-	-	-	22	179.9	1.79	99	-	1
Columbia City of	**3**	**229.4**	**62.31**	**1.16**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Columbia (MO)	3	229.4	62.31	1.16	-	-	-	-	-	-	-	100	-	-
Columbus & Southern Ohio El Co	**396**	**133.7**	**31.71**	**2.43**	**-**	**579.2**	**33.90**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Conesville (OH)	377	134.5	31.93	2.42	*	593.6	34.53	-	-	-	-	100	*	-
Picway (OH)	19	116.5	27.07	2.56	*	550.9	32.64	-	-	-	-	100	*	-
Consolidated Edison Co-NY Inc	**-**	**-**	**-**	**-**	**125**	**264.1**	**16.73**	**0.28**	**1,565**	**336.7**	**3.47**	**-**	**33**	**67**
East River (NY)	-	-	-	-	-	-	-	-	1,140	336.7	3.47	-	-	100
Storage Facility #7	-	-	-	-	125	264.1	16.73	0.28	-	-	-	-	100	-
Waterside (NY)	-	-	-	-	-	-	-	-	424	336.7	3.47	-	-	100
Consumers Power Co	**904**	**127.1**	**25.09**	**0.49**	**73**	**309.2**	**19.86**	**1.11**	**1,073**	**339.4**	**3.46**	**92**	**2**	**6**
Campbell (MI)	372	125.6	24.46	0.42	4	560.5	32.49	0.50	-	-	-	100	*	-
Cobb (MI)	133	117.0	21.13	0.52	-	-	-	-	112	327.2	3.31	96	-	4
Karn-Weadock (MI)	104	110.2	19.42	0.27	69	293.1	18.95	1.15	961	340.8	3.48	56	14	30
Weadock (MI)	184	143.6	31.48	0.64	1	626.8	36.33	0.50	-	-	-	100	*	-
Whiting (MI)	110	127.2	26.71	0.67	*	586.9	34.02	0.50	-	-	-	100	*	-
Coop Power Assn	**762**	**76.8**	**9.44**	**0.62**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Coal Creek (ND)	762	76.8	9.44	0.62	-	-	-	-	-	-	-	100	-	-
Dairyland Power Coop	**304**	**139.0**	**26.25**	**0.60**	**2**	**619.4**	**36.42**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Alma-Madgett (WI)	207	138.1	25.43	0.57	-	-	-	-	-	-	-	100	-	-
Genoa No.3 (WI)	97	140.8	28.02	0.68	2	619.4	36.42	0.50	-	-	-	99	1	-
Denton City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**161**	**308.9**	**3.25**	**-**	**-**	**100**
Spencer (TX)	-	-	-	-	-	-	-	-	161	308.9	3.25	-	-	100
Deseret Generation & Tran Coop	**237**	**173.8**	**32.58**	**0.34**	**-**	**514.5**	**29.82**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Bonanza (UT)	237	173.8	32.58	0.34	*	514.5	29.82	-	-	-	-	100	*	-
Detroit Edison Co	**1,774**	**135.4**	**28.09**	**0.63**	**55**	**408.1**	**25.07**	**0.64**	**1,421**	**298.9**	**2.17**	**96**	**1**	**3**
Belle River (MI)	376	131.8	25.20	0.39	5	558.8	32.81	0.10	-	-	-	100	*	-
Conners Creek (MI)	-	-	-	-	-	-	-	-	188	318.8	3.19	-	-	100
Greenwood (MI)	-	-	-	-	1	560.6	32.75	0.10	693	286.7	2.88	-	1	99
Harbor Beach (MI)	15	176.4	46.93	0.96	*	533.0	30.86	0.40	-	-	-	99	1	-
Monroe (MI)	597	140.6	30.81	0.81	2	545.9	31.54	0.23	-	-	-	100	*	-
River Rouge (MI)	122	152.7	35.14	0.64	*	556.9	32.49	0.10	475	255.5	0.44	97	*	3

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Detroit Edison Co (Continued)														
St Clair (MI)	431	129.7	25.66	0.56	47	382.5	23.71	0.73	66	424.4	4.27	96	3	1
Trenton Channel (MI)	233	123.2	25.39	0.67	-	-	-	-	-	-	-	100	-	-
Dover City of	-	-	-	-	**40**	**415.3**	**26.50**	**0.80**	**63**	**390.3**	**4.03**	**-**	**80**	**20**
Mckee Run (DE)	-	-	-	-	40	415.3	26.50	0.80	63	390.3	4.03	-	80	20
Duke Power Co	**1,436**	**167.1**	**41.77**	**0.90**	**6**	**503.1**	**29.36**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Allen (NC)	251	180.1	44.85	0.80	1	491.2	28.72	0.30	-	-	-	100	*	-
Belews Creek (NC)	575	169.6	42.70	0.90	2	496.6	28.95	0.30	-	-	-	100	*	-
Buck (NC)	26	173.8	38.38	0.62	-	-	-	-	-	-	-	100	-	-
Cliffside (NC)	68	185.6	47.91	1.10	1	532.9	31.11	0.30	-	-	-	100	*	-
Lee (SC)	27	154.7	38.72	1.17	-	-	-	-	-	-	-	100	-	-
Marshall (NC)	450	152.2	37.88	0.92	2	500.6	29.22	0.30	-	-	-	100	*	-
Riverbend (NC)	39	190.0	46.63	1.07	-	-	-	-	-	-	-	100	-	-
East Kentucky Power Coop	**390**	**131.7**	**32.43**	**0.88**	**-**	**590.2**	**34.36**	**0.12**	**-**	**-**	**-**	**100**	**-**	**-**
Cooper (KY)	73	115.3	28.56	1.46	-	-	-	-	-	-	-	100	-	-
Dale (KY)	41	145.6	35.96	0.87	*	590.2	34.36	0.12	-	-	-	100	*	-
Spurlock (KY)	276	134.0	32.93	0.73	-	-	-	-	-	-	-	100	-	-
El Paso Electric Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,514**	**339.2**	**3.47**	**-**	**-**	**100**
Newman (TX)	-	-	-	-	-	-	-	-	1,410	388.0	3.97	-	-	100
Rio Grande (TX)	-	-	-	-	-	-	-	-	1,105	277.0	2.83	-	-	100
Electric Energy Inc	**434**	**92.6**	**16.18**	**0.24**	**-**	**693.2**	**38.64**	**0.02**	**5**	**196.2**	**2.08**	**100**	**-**	**-**
Joppa (IL)	434	92.6	16.18	0.24	*	693.2	38.64	0.02	5	196.2	2.08	100	*	*
Empire District Electric Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,047**	**305.2**	**3.10**	**-**	**-**	**100**
State Line (MO)	-	-	-	-	-	-	-	-	1,047	305.2	3.10	-	-	100
Fayetteville Public Works	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**530**	**415.4**	**4.30**	**-**	**-**	**100**
Butler Warner (NC)	-	-	-	-	-	-	-	-	530	415.4	4.30	-	-	100
Florida Power & Light Co	**-**	**-**	**-**	**-**	**3,396**	**391.7**	**25.14**	**0.96**	**31,871**	**369.2**	**3.83**	**-**	**40**	**60**
Cape Canaveral (FL)	-	-	-	-	395	405.9	25.95	0.99	1,846	369.2	3.83	-	57	43
Cutler (FL)	-	-	-	-	-	-	-	-	825	369.2	3.83	-	-	100
Fort Myers (FL)	-	-	-	-	-	-	-	-	6,371	369.2	3.82	-	-	100
Lauderdale (FL)	-	-	-	-	-	-	-	-	4,230	369.2	3.83	-	-	100
Manatee (FL)	-	-	-	-	1,128	403.4	25.88	0.96	-	-	-	-	100	-
Martin (FL)	-	-	-	-	396	404.5	26.13	0.85	8,292	369.2	3.83	-	23	77
Port Everglades (FL)	-	-	-	-	733	346.4	22.17	0.95	1,115	369.2	3.83	-	80	20
Putnam (FL)	-	-	-	-	-	-	-	-	2,278	369.2	3.83	-	-	100
Riviera (FL)	-	-	-	-	347	397.0	25.41	1.00	974	369.2	3.83	-	69	31
Sanford (FL)	-	-	-	-	126	411.9	26.68	1.00	4,589	369.2	3.83	-	15	85
Turkey Point (FL)	-	-	-	-	271	408.9	26.41	1.00	1,350	369.2	3.83	-	56	44
Florida Power Corp[4]	**466**	**221.3**	**56.26**	**0.88**	**1,007**	**347.1**	**22.96**	**1.29**	**813**	**507.6**	**5.08**	**56**	**31**	**13**
Anclote (FL)	-	-	-	-	1	601.6	34.80	0.49	404	508.0	5.08	-	1	99
Bartow (FL)	-	-	-	-	936	342.2	22.67	1.30	409	503.2	5.03	-	94	6
Crystal River (FL)	332	222.2	56.46	0.96	5	575.3	33.28	0.49	-	-	-	100	*	-
IMT Transfer (LA)	135	219.0	55.75	0.70	-	-	-	-	-	-	-	100	-	-
Suwannee (FL)	-	-	-	-	65	400.7	26.36	1.23	-	-	-	-	100	-
Fort Pierce City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**118**	**291.6**	**3.03**	**-**	**-**	**100**
H D King (FL)	-	-	-	-	-	-	-	-	118	291.6	3.03	-	-	100
Fremont City of	**42**	**106.8**	**18.77**	**0.23**	**-**	**-**	**-**	**-**	**14**	**377.0**	**3.77**	**98**	**-**	**2**
Wright (NE)	42	106.8	18.77	0.23	-	-	-	-	14	377.0	3.77	98	-	2
Gainesville City of	**52**	**209.2**	**54.50**	**0.73**	**-**	**-**	**-**	**-**	**687**	**380.1**	**3.94**	**66**	**-**	**34**
Deerhaven (FL)	52	209.2	54.50	0.73	-	-	-	-	415	380.1	3.94	76	-	24
Jr Kelly (FL)	-	-	-	-	-	-	-	-	272	380.1	3.94	-	-	100
Georgia Power Co	**3,138**	**166.8**	**38.58**	**0.79**	**7**	**580.3**	**33.76**	**0.50**	**4**	**346.3**	**3.59**	**100**	**-**	**-**
Arkwright (GA)	-	-	-	-	-	-	-	-	*	294.0	3.02	-	-	100
Atkinson-Mcdonough (GA)	119	148.7	37.55	1.16	-	-	-	-	*	338.0	3.45	100	-	*
Bowen (GA)	1,031	156.5	38.25	0.93	1	578.9	33.67	0.50	-	-	-	100	*	-
Hammond (GA)	178	152.5	39.33	1.06	1	574.1	33.40	0.50	-	-	-	100	*	-
Harllee Branch (GA)	230	179.3	44.19	1.14	1	579.9	33.73	0.50	-	-	-	100	*	-
Mitchell (GA)	21	176.0	45.15	1.02	-	-	-	-	-	-	-	100	-	-
Scherer (GA)	1,051	186.5	36.93	0.42	-	-	-	-	-	-	-	100	-	-
Wansley (GA)	394	157.3	39.39	0.86	2	582.5	33.88	0.50	4	348.0	3.61	100	*	*
Yates (GA)	114	163.1	41.35	1.29	2	581.5	33.83	0.50	*	331.0	3.43	100	*	*
Glendale City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**106**	**325.0**	**3.33**	**-**	**-**	**100**
Glendale (CA)	-	-	-	-	-	-	-	-	106	325.0	3.33	-	-	100
Grand Haven City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6**	**495.4**	**4.95**	**-**	**-**	**100**
J B Simms (MI)	-	-	-	-	-	-	-	-	6	495.4	4.95	-	-	100
Grand Island City of	**27**	**72.7**	**12.71**	**0.26**	**-**	**-**	**-**	**-**	**31**	**372.4**	**3.72**	**94**	**-**	**6**
Burdick (NE)	-	-	-	-	-	-	-	-	31	372.4	3.72	-	-	100
Platte (NE)	27	72.7	12.71	0.26	-	-	-	-	-	-	-	100	-	-
Grand River Dam Authority	**323**	**93.0**	**15.81**	**0.34**	**-**	**-**	**-**	**-**	**17**	**349.2**	**3.51**	**100**	**-**	**-**
GRDA No 1 (OK)	323	93.0	15.81	0.34	-	-	-	-	17	349.2	3.51	100	-	*

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Greenville City of	-	-	-	-	-	-	-	-	**36**	**293.6**	**3.12**	-	-	**100**
Power Lane (TX)	-	-	-	-	-	-	-	-	36	293.6	3.12	-	-	100
Gulf Power Co	**239**	**160.7**	**39.05**	**0.99**	**2**	**527.4**	**30.66**	**0.45**	**2,317**	**405.2**	**4.19**	**71**	-	**29**
Crist (FL)	138	157.6	38.51	1.15	1	525.9	30.56	0.45	13	333.3	3.44	99	*	*
Scholtz (FL)	17	157.0	40.19	0.87	-	-	-	-	-	-	-	100	-	-
Smith (FL)	84	166.9	39.68	0.74	1	528.9	30.77	0.45	2,304	405.6	4.19	46	*	54
Gulf States Utilities Co	**169**	**106.0**	**18.55**	**0.46**	-	-	-	-	**19,910**	**315.0**	**3.26**	**13**	-	**87**
Lewis Creek (TX)	-	-	-	-	-	-	-	-	2,820	301.3	3.14	-	-	100
Nelson (LA)	169	106.0	18.55	0.46	-	-	-	-	2,811	323.8	3.35	50	-	50
Sabine (TX)	-	-	-	-	-	-	-	-	8,175	315.7	3.26	-	-	100
Willow Glen (LA)	-	-	-	-	-	-	-	-	6,105	316.3	3.28	-	-	100
Hamilton City of	**19**	**159.4**	**39.95**	**0.75**	-	-	-	-	**10**	**371.3**	**3.81**	**98**	-	**2**
Hamilton (OH)	19	159.4	39.95	0.75	-	-	-	-	10	371.3	3.81	98	-	2
Hastings City of	**37**	**69.5**	**11.80**	**0.33**	-	-	-	-	-	-	-	**100**	-	-
Hastings (NE)	37	69.5	11.80	0.33	-	-	-	-	-	-	-	100	-	-
Holland City of	**35**	**165.1**	**41.10**	**0.93**	-	-	-	-	**28**	**247.0**	**2.52**	**97**	-	**3**
James De Young (MI)	35	165.1	41.10	0.93	-	-	-	-	28	247.0	2.52	97	-	3
Holyoke Water Power Co	**53**	**226.6**	**59.42**	**0.63**	-	-	-	-	-	-	-	**100**	-	-
Mount Tom (MA)	53	226.6	59.42	0.63	-	-	-	-	-	-	-	100	-	-
Hoosier Energy R E C Inc	**361**	**103.6**	**23.15**	**2.44**	**4**	**547.8**	**31.75**	**0.10**	-	-	-	**100**	-	-
Frank E Ratts (IN)	62	106.2	24.15	1.31	*	552.7	32.03	0.10	-	-	-	100	*	-
Merom (IN)	300	103.1	22.94	2.68	4	547.2	31.72	0.10	-	-	-	100	*	-
IES Utilities	**428**	**90.5**	**15.56**	**0.29**	**10**	**556.4**	**32.71**	**0.01**	**184**	**313.9**	**3.14**	**97**	**1**	**2**
6th St (IA)	40	127.2	25.81	0.32	-	-	-	-	92	298.6	2.99	90	-	10
Burlington (IA)	88	91.6	15.31	0.33	-	-	-	-	-	-	-	100	-	-
Ottumwa (IA)	214	72.5	12.19	0.28	1	613.6	36.08	0.01	-	-	-	100	*	-
Praire Creek (IA)	57	115.5	19.40	0.30	-	-	-	-	10	600.4	6.00	99	-	1
Sutherland (IA)	28	109.1	19.44	0.19	9	548.4	32.24	0.01	82	295.6	2.96	79	8	13
Imperial Irrigation District	-	-	-	-	-	-	-	-	**1,006**	**608.0**	**6.14**	-	-	**100**
El Centro (CA)	-	-	-	-	-	-	-	-	1,006	608.0	6.14	-	-	100
Indiana & Michigan Electric Co	**995**	**118.0**	**23.37**	**0.52**	**2**	**512.7**	**30.15**	-	-	-	-	**100**	-	-
Rockport (IN)	722	115.1	20.90	0.30	-	-	-	-	-	-	-	100	-	-
Tanners Creek (IN)	273	123.9	29.91	1.11	2	512.7	30.15	-	-	-	-	100	*	-
Indiana-Kentucky Electric Corp	**344**	**118.3**	**23.17**	**0.36**	-	**612.1**	**34.96**	**0.30**	-	-	-	**100**	-	-
Clifty Creek (IN)	344	118.3	23.17	0.36	*	612.1	34.96	0.30	-	-	-	100	*	-
Indianapolis Power & Light Co	**583**	**97.8**	**21.79**	**2.36**	-	-	-	-	-	-	-	**100**	-	-
Petersburg (IN)	386	92.7	20.75	2.86	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	88	107.0	23.83	1.23	-	-	-	-	-	-	-	100	-	-
Stout (IN)	109	108.8	23.83	1.49	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	**190**	**128.2**	**22.07**	**0.26**	**2**	**535.7**	**31.50**	-	**36**	**320.0**	**3.20**	**99**	-	**1**
Dubuque (IA)	-	-	-	-	-	-	-	-	1	419.1	4.19	-	-	100
Fox Lake (MN)	-	-	-	-	-	-	-	-	33	317.2	3.17	-	-	100
Kapp (IA)	106	133.0	23.41	0.28	-	-	-	-	2	319.4	3.19	100	-	*
Lansing (IA)	84	121.8	20.39	0.23	2	535.7	31.50	-	-	-	-	99	1	-
Jacksonville Electric Auth	**397**	**160.3**	**39.20**	**1.11**	-	-	-	-	**965**	**375.5**	**3.97**	**90**	-	**10**
Northside (FL)	29	184.8	48.98	2.72	-	-	-	-	965	375.5	3.97	43	-	57
St Johns River (FL)	368	158.2	38.42	0.99	-	-	-	-	-	-	-	100	-	-
Jamestown City of	**9**	**148.3**	**36.93**	**1.79**	-	-	-	-	-	-	-	**100**	-	-
Samuel A Carlson (NY)	9	148.3	36.93	1.79	-	-	-	-	-	-	-	100	-	-
Kansas City Power & Light Co	**978**	**73.8**	**12.95**	**0.48**	-	-	-	-	**738**	**333.1**	**3.33**	**96**	-	**4**
Hawthorne (MO)	181	66.4	11.39	0.36	-	-	-	-	738	333.1	3.33	81	-	19
Iatan (MO)	150	73.2	12.88	0.31	-	-	-	-	-	-	-	100	-	-
La Cygne (KS)	562	73.7	13.01	0.57	-	-	-	-	-	-	-	100	-	-
Montrose (MO)	85	91.3	15.98	0.44	-	-	-	-	-	-	-	100	-	-
Kansas Gas & Electric Co	-	-	-	-	**22**	**280.4**	**18.72**	**1.70**	**1,196**	**295.5**	**3.03**	-	**11**	**89**
Evans (KS)	-	-	-	-	22	280.4	18.72	1.70	995	295.5	3.03	-	13	87
Gill (KS)	-	-	-	-	-	-	-	-	200	295.4	3.06	-	-	100
Kansas Power & Light Co	**1,009**	**110.9**	**18.84**	**0.37**	**42**	**262.6**	**17.54**	**1.70**	**335**	**305.8**	**3.06**	**97**	**2**	**2**
Hutchinson (KS)	-	-	-	-	42	262.6	17.54	1.70	328	305.6	3.06	-	46	54
Jeffrey Energy Cnt (KS)	764	117.3	19.73	0.39	-	-	-	-	-	-	-	100	-	-
Lawrence (KS)	173	91.8	16.07	0.30	-	-	-	-	2	316.0	3.16	100	-	*
Tecumseh (KS)	72	91.7	16.06	0.30	-	-	-	-	5	316.0	3.17	100	-	*
Kentucky Power Co	**172**	**120.6**	**29.38**	**1.00**	**1**	**569.6**	**33.49**	-	-	-	-	**100**	-	-
Big Sandy (KY)	172	120.6	29.38	1.00	1	569.6	33.49	-	-	-	-	100	*	-
Kentucky Utilities Co	**736**	**137.8**	**32.14**	**1.44**	**10**	**531.3**	**31.24**	**0.40**	-	-	-	**100**	-	-
Brown (KY)	160	139.1	33.90	1.54	-	-	-	-	-	-	-	100	-	-
Ghent (KY)	534	137.4	31.47	1.38	7	541.9	31.86	0.40	-	-	-	100	*	-
Green River (KY)	29	138.7	33.61	2.13	4	511.8	30.09	0.40	-	-	-	97	3	-
Tyrone (KY)	13	136.1	34.40	0.92	-	-	-	-	-	-	-	100	-	-
Lafayette City of	-	-	-	-	-	-	-	-	**538**	**306.6**	**3.21**	-	-	**100**

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Lafayette City of (Continued)														
Bonin (LA)	-	-	-	-	-	-	-	-	538	306.6	3.21	-	-	100
Lake Worth City of	**-**	**-**	**-**	**-**	**2**	**614.0**	**35.83**	**0.05**	**263**	**408.0**	**4.20**	**-**	**4**	**96**
Tom G Smith (FL)	-	-	-	-	2	614.0	35.83	0.05	263	408.0	4.20	-	4	96
Lansing City of	**151**	**148.8**	**28.86**	**0.35**	**1**	**341.0**	**19.76**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Eckert (MI)	111	131.0	23.20	0.29	1	341.0	19.76	0.30	-	-	-	100	*	-
Erickson (MI)	41	184.6	44.34	0.52	*	341.0	19.76	0.30	-	-	-	100	*	-
Long Island Lighting Co	**-**	**-**	**-**	**-**	**885**	**388.6**	**24.93**	**0.96**	**9,359**	**378.2**	**3.84**	**-**	**37**	**63**
Barrett (NY)	-	-	-	-	-	-	-	-	2,064	383.0	3.97	-	-	100
Far Rockaway (NY)	-	-	-	-	-	-	-	-	598	404.0	4.19	-	-	100
Glenwood (NY)	-	-	-	-	-	-	-	-	1,243	437.0	4.51	-	-	100
Northport (NY)	-	-	-	-	727	387.0	24.82	0.98	4,495	363.0	3.64	-	51	49
Port Jefferson (NY)	-	-	-	-	158	396.0	25.43	0.85	959	344.0	3.46	-	51	49
Los Angeles City of	**419**	**100.9**	**23.75**	**0.66**	**-**	**-**	**-**	**-**	**3,746**	**340.9**	**3.45**	**72**	**-**	**28**
Harbor (CA)	-	-	-	-	-	-	-	-	463	340.9	3.46	-	-	100
Haynes (CA)	-	-	-	-	-	-	-	-	3,283	340.9	3.45	-	-	100
Intermountain (UT)	419	100.9	23.75	0.66	-	-	-	-	-	-	-	100	-	-
Valley (CA)	-	-	-	-	-	-	-	-	*	340.9	3.52	-	-	100
Louisiana Power & Light Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13,441**	**331.8**	**3.43**	**-**	**-**	**100**
Little Gypsy (LA)	-	-	-	-	-	-	-	-	2,810	335.7	3.47	-	-	100
Nine Mile (LA)	-	-	-	-	-	-	-	-	7,851	328.8	3.40	-	-	100
Sterlington (LA)	-	-	-	-	-	-	-	-	1,100	331.2	3.40	-	-	100
Waterford (LA)	-	-	-	-	-	-	-	-	1,680	340.1	3.51	-	-	100
Louisville Gas & Electric Co	**640**	**111.4**	**25.45**	**3.41**	**-**	**-**	**-**	**-**	**64**	**358.1**	**3.67**	**100**	**-**	**-**
Cane Run (KY)	123	110.1	24.74	3.35	-	-	-	-	22	358.1	3.67	99	-	1
Mill Creek (KY)	428	111.9	25.62	3.40	-	-	-	-	42	358.1	3.67	100	-	*
Trimble County (KY)	89	110.4	25.63	3.51	-	-	-	-	-	-	-	100	-	-
Lower Colorado River Authority	**524**	**99.7**	**16.97**	**0.34**	**-**	**-**	**-**	**-**	**2,393**	**293.0**	**3.01**	**78**	**-**	**22**
Gideon (TX)	-	-	-	-	-	-	-	-	1,684	292.4	3.01	-	-	100
Sam Seymour (TX)	524	99.7	16.97	0.34	-	-	-	-	-	-	-	100	-	-
T C Ferguson (TX)	-	-	-	-	-	-	-	-	710	294.3	3.02	-	-	100
Lubbock City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**767**	**309.7**	**3.10**	**-**	**-**	**100**
Holly Ave (TX)	-	-	-	-	-	-	-	-	543	308.7	3.10	-	-	100
Plant 2 (TX)	-	-	-	-	-	-	-	-	225	312.0	3.12	-	-	100
Madison Gas & Electric Co	**22**	**152.3**	**34.01**	**1.53**	**-**	**-**	**-**	**-**	**86**	**344.5**	**3.44**	**85**	**-**	**15**
Blount (WI)	22	152.3	34.01	1.53	-	-	-	-	86	344.5	3.44	85	-	15
Manitowoc Public Utilities	**18**	**150.4**	**38.85**	**1.56**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Manitowoc (WI)	18	150.4	38.85	1.56	-	-	-	-	-	-	-	100	-	-
Marquette City of	**25**	**123.1**	**23.07**	**0.34**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Shiras (MI)	25	123.1	23.07	0.34	-	-	-	-	-	-	-	100	-	-
Medina Electric Coop Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**77**	**343.0**	**4.02**	**-**	**-**	**100**
Pearsall (TX)	-	-	-	-	-	-	-	-	77	343.0	4.02	-	-	100
Michigan South Central Pwr Agy	**13**	**175.4**	**41.04**	**2.59**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Project I (MI)	13	175.4	41.04	2.59	-	-	-	-	-	-	-	100	-	-
MidAmerican Energy	**1,127**	**78.3**	**13.50**	**0.30**	**3**	**723.7**	**41.34**	**-**	**39**	**414.1**	**4.16**	**100**	**-**	**-**
Council Bluffs (IA)	350	69.8	12.00	0.30	-	-	-	-	4	395.9	3.99	100	-	*
George Neal 1-4 (IA)	466	75.8	13.00	0.31	3	723.7	41.34	-	15	464.0	4.66	100	*	*
Louisa (IA)	269	91.5	15.94	0.28	-	-	-	-	2	302.0	3.04	100	-	*
Riverside (IA)	42	90.3	15.96	0.29	-	-	-	-	18	389.4	3.91	98	-	2
Minnesota Power & Light Co	**404**	**115.3**	**20.86**	**0.58**	**2**	**591.0**	**34.01**	**0.20**	**-**	**-**	**-**	**100**	**-**	**-**
Boswell Energy Center (MN)	371	114.7	20.69	0.60	2	592.2	34.07	0.20	-	-	-	100	*	-
Laskin Energy Center (MN)	33	120.8	22.74	0.36	*	578.8	33.30	0.20	-	-	-	100	*	-
Minnkota Power Coop Inc	**399**	**53.8**	**7.22**	**0.78**	**-**	**632.4**	**37.19**	**0.40**	**-**	**-**	**-**	**100**	**-**	**-**
Young (ND)	399	53.8	7.22	0.78	*	632.4	37.19	0.40	-	-	-	100	*	-
Mississippi Power & Light Co	**-**	**-**	**-**	**-**	**-**	**520.7**	**30.63**	**0.50**	**7,143**	**317.7**	**3.26**	**-**	**-**	**100**
Brown (MS)	-	-	-	-	-	-	-	-	613	327.3	3.31	-	-	100
Delta (MS)	-	-	-	-	-	-	-	-	175	316.5	3.23	-	-	100
Gerald Andrus (MS)	-	-	-	-	-	-	-	-	3,285	317.5	3.28	-	-	100
Wilson (MS)	-	-	-	-	*	520.7	30.63	0.50	3,070	316.1	3.24	-	*	100
Mississippi Power Co	**461**	**165.2**	**37.89**	**0.52**	**-**	**-**	**-**	**-**	**4,333**	**329.8**	**3.39**	**70**	**-**	**30**
Daniel (MS)	255	177.5	40.56	0.53	-	-	-	-	3,717	333.4	3.42	60	-	40
Eaton (MS)	-	-	-	-	-	-	-	-	17	312.7	3.21	-	-	100
Sweatt (MS)	-	-	-	-	-	-	-	-	12	306.3	3.15	-	-	100
Watson (MS)	206	150.1	34.59	0.50	-	-	-	-	588	308.8	3.20	89	-	11
Monongahela Power Co	**291**	**117.8**	**29.39**	**2.66**	**-**	**580.6**	**34.38**	**0.30**	**8**	**418.5**	**4.18**	**100**	**-**	**-**
Albright (WV)	33	115.3	29.02	1.67	*	602.3	35.67	0.30	-	-	-	100	*	-
Ft Martin (WV)	55	110.3	27.43	1.71	*	329.3	19.50	0.30	-	-	-	100	*	-
Harrison (WV)	86	122.6	30.53	3.45	*	569.9	33.75	0.30	2	432.3	4.32	100	*	*
Pleasants (WV)	61	102.4	25.38	4.21	*	685.5	40.60	0.30	4	421.4	4.21	100	*	*
Rivesville (WV)	25	134.9	32.80	0.97	*	559.2	33.12	0.30	-	-	-	100	*	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Monongahela Power Co (Continued)														
Willow Island (WV)	32	136.2	35.18	1.55	-	-	-	-	1	389.6	3.90	100	-	*
Montana-Dakota Utilities Co	**70**	**94.6**	**13.19**	**0.68**	**-**	**-**	**-**	**-**	**1**	**405.0**	**4.64**	**100**	**-**	**-**
Heskett (ND)	46	96.3	13.74	0.76	-	-	-	-	-	-	-	100	-	-
Lewis and Clark (MT)	24	91.3	12.17	0.52	-	-	-	-	1	405.0	4.64	100	-	*
Morgan City City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**110**	**303.0**	**3.17**	**-**	**-**	**100**
Morgan City (LA)	-	-	-	-	-	-	-	-	110	303.0	3.17	-	-	100
Muscatine City of	**68**	**77.2**	**13.01**	**0.68**	**-**	**-**	**-**	**-**	**28**	**337.2**	**3.40**	**98**	**-**	**2**
Muscatine (IA)	68	77.2	13.01	0.68	-	-	-	-	28	337.2	3.40	98	-	2
Nebraska Public Power District	**600**	**51.2**	**8.76**	**0.28**	**-**	**585.2**	**33.95**	**0.10**	**20**	**497.9**	**4.98**	**100**	**-**	**-**
Gerald Gentleman (NE)	514	48.7	8.33	0.28	*	593.6	34.44	0.10	20	500.0	5.00	100	*	*
Sheldon (NE)	86	65.9	11.30	0.28	*	575.5	33.39	0.10	*	366.1	3.66	100	*	*
Nevada Power Co	**174**	**129.7**	**31.25**	**0.68**	**1**	**583.2**	**34.07**	**0.30**	**3,896**	**435.0**	**4.48**	**51**	**-**	**49**
Clark (NV)	-	-	-	-	-	-	-	-	3,391	435.0	4.48	-	-	100
Gardner (NV)	174	129.7	31.25	0.68	1	583.2	34.07	0.30	-	-	-	100	*	-
Sunrise (NV)	-	-	-	-	-	-	-	-	505	435.0	4.48	-	-	100
New Orleans Public Service Inc	**-**	**-**	**-**	**-**	**-**	**529.8**	**31.30**	**0.50**	**3,861**	**322.3**	**3.34**	**-**	**-**	**100**
Michoud (LA)	-	-	-	-	-	-	-	-	3,710	322.5	3.34	-	-	100
Paterson (LA)	-	-	-	-	*	529.8	31.30	0.50	151	317.7	3.32	-	*	100
Northern Indiana Pub Serv Co	**549**	**129.9**	**26.59**	**1.23**	**-**	**-**	**-**	**-**	**26**	**447.5**	**4.49**	**100**	**-**	**-**
Bailly (IN)	79	120.7	27.97	2.73	-	-	-	-	2	430.6	4.32	100	-	*
Michigan City (IN)	118	135.9	25.77	0.35	-	-	-	-	6	189.8	1.90	100	-	*
Rollin Schahfer (IN)	352	130.3	26.55	1.19	-	-	-	-	19	529.9	5.31	100	-	*
Northern States Power Co	**1,011**	**101.4**	**17.88**	**0.45**	**-**	**-**	**-**	**-**	**327**	**395.9**	**3.98**	**98**	**-**	**2**
Bay Front (WI)	15	156.1	33.44	0.34	-	-	-	-	5	385.4	3.87	99	-	1
Black Dog (MN)	72	122.2	21.45	0.21	-	-	-	-	313	398.2	4.00	80	-	20
High Bridge (MN)	72	112.5	20.10	0.21	-	-	-	-	7	315.6	3.19	99	-	1
King (MN)	135	117.1	20.89	0.28	-	-	-	-	-	-	-	100	-	-
Riverside (MN)	90	109.7	19.61	0.20	-	-	-	-	2	356.5	3.58	100	-	*
Sherburne County (MN)	627	91.4	15.96	0.58	-	-	-	-	-	-	-	100	-	-
Ohio Power Co	**1,176**	**117.5**	**29.44**	**2.12**	**2**	**567.0**	**33.09**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Gavin (OH)	479	97.2	24.03	3.20	-	-	-	-	-	-	-	100	-	-
Kammer (WV)	126	114.0	29.80	1.41	1	566.4	33.25	-	-	-	-	100	*	-
Mitchell (WV)	317	145.0	36.12	0.80	-	-	-	-	-	-	-	100	-	-
Muskingum (OH)	255	122.9	31.14	2.07	2	567.3	33.03	-	-	-	-	100	*	-
Ohio Valley Electric Corp	**258**	**107.8**	**27.26**	**2.09**	**-**	**595.1**	**33.99**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Kyger Creek (OH)	258	107.8	27.26	2.09	*	595.1	33.99	0.30	-	-	-	100	*	-
Oklahoma Gas & Electric Co	**883**	**91.9**	**16.08**	**0.23**	**-**	**-**	**-**	**-**	**10,661**	**340.9**	**3.54**	**58**	**-**	**42**
Horseshoe Lake (OK)	-	-	-	-	-	-	-	-	2,360	340.9	3.54	-	-	100
Muskogee (OK)	474	94.3	16.47	0.24	-	-	-	-	653	340.9	3.54	92	-	8
Mustang (OK)	-	-	-	-	-	-	-	-	1,575	340.9	3.54	-	-	100
Seminole (OK)	-	-	-	-	-	-	-	-	6,073	340.9	3.54	-	-	100
Sooner (OK)	408	89.2	15.63	0.23	-	-	-	-	-	-	-	100	-	-
Omaha Public Power District	**457**	**62.2**	**10.90**	**0.30**	**-**	**-**	**-**	**-**	**52**	**334.7**	**3.39**	**99**	**-**	**1**
Nebraska City (NE)	286	60.1	10.48	0.29	-	-	-	-	-	-	-	100	-	-
North Omaha (NE)	171	65.8	11.59	0.31	-	-	-	-	52	334.7	3.39	98	-	2
Orrville City of	**15**	**121.1**	**27.59**	**4.16**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Orrville (OH)	15	121.1	27.59	4.16	-	-	-	-	-	-	-	100	-	-
Otter Tail Power Co	**437**	**104.3**	**16.27**	**0.69**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Big Stone (SD)	170	130.5	22.29	0.31	-	-	-	-	-	-	-	100	-	-
Coyote (ND)	221	70.7	9.83	1.06	-	-	-	-	-	-	-	100	-	-
Hoot Lake (MN)	46	136.1	25.01	0.36	-	-	-	-	-	-	-	100	-	-
Owensboro City of	**128**	**94.5**	**19.95**	**3.29**	**1**	**467.5**	**27.49**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Smith (KY)	128	94.5	19.95	3.29	1	467.5	27.49	-	-	-	-	100	*	-
PacifiCorp	**2,020**	**90.0**	**17.52**	**0.58**	**3**	**550.1**	**32.35**	**0.30**	**674**	**348.2**	**3.69**	**98**	**-**	**2**
Carbon (UT)	39	78.8	19.89	0.77	-	-	-	-	-	-	-	100	-	-
Emery-Hunter (UT)	344	80.8	18.05	0.65	2	547.0	32.16	0.30	-	-	-	100	*	-
Gadsby (UT)	-	-	-	-	-	-	-	-	672	348.4	3.69	-	-	100
Huntington (UT)	194	83.6	19.62	0.41	1	556.3	32.71	0.30	-	-	-	100	*	-
Jim Bridger (WY)	699	108.4	19.87	0.55	-	-	-	-	-	-	-	100	-	-
Johnston (WY)	305	61.6	10.37	0.33	-	-	-	-	-	-	-	100	-	-
Naughton (WY)	264	110.4	22.26	1.01	-	-	-	-	2	280.2	2.89	100	-	*
Wyodak (WY)	175	59.4	9.59	0.55	-	-	-	-	-	-	-	100	-	-
Painesville City of	**12**	**150.8**	**36.84**	**3.01**	**-**	**-**	**-**	**-**	**1**	**691.3**	**6.91**	**100**	**-**	**-**
Painesville (OH)	12	150.8	36.84	3.01	-	-	-	-	1	691.3	6.91	100	-	*
Pasadena City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**216**	**389.0**	**3.95**	**-**	**-**	**100**
Broadway (CA)	-	-	-	-	-	-	-	-	216	389.0	3.95	-	-	100
Platte River Power Authority	**109**	**61.1**	**10.83**	**0.23**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Rawhide (CO)	109	61.1	10.83	0.23	-	-	-	-	-	-	-	100	-	-
Portland General Electric Co	**150**	**131.2**	**22.69**	**0.26**	**8**	**565.6**	**33.26**	**0.01**	**1,074**	**230.6**	**2.35**	**69**	**1**	**29**

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Portland General Electric Co														
Beaver (OR)	-	-	-	-	-	-	-	-	218	281.9	2.88	-	-	100
Boardman (OR)	150	131.2	22.69	0.26	8	565.6	33.26	0.01	-	-	-	98	2	-
Coyote Springs (OR)	-	-	-	-	-	-	-	-	856	217.6	2.22	-	-	100
Public Service Co of Colorado	**965**	**92.9**	**17.79**	**0.38**	**-**	**-**	**-**	**-**	**3,618**	**222.0**	**2.20**	**84**	**-**	**16**
Arapahoe (CO)	85	98.2	17.25	0.30	-	-	-	-	51	251.4	2.25	97	-	3
Cameo (CO)	32	100.0	22.10	0.52	-	-	-	-	-	-	-	100	-	-
Cherokee (CO)	152	103.3	23.43	0.53	-	-	-	-	19	249.1	2.45	99	-	1
Comanche (CO)	294	68.0	11.66	0.29	-	-	-	-	13	249.6	2.50	100	-	*
Fort St. Vrain (CO)	-	-	-	-	-	-	-	-	3,457	220.0	2.19	-	-	100
Hayden (CO)	171	102.0	21.39	0.42	-	-	-	-	-	-	-	100	-	-
Pawnee (CO)	170	93.7	15.72	0.36	-	-	-	-	1	273.7	2.80	100	-	*
Valmont (CO)	61	124.5	27.29	0.46	-	-	-	-	39	317.1	3.13	97	-	3
Zuni (CO)	-	-	-	-	-	-	-	-	38	251.5	2.50	-	-	100
Public Service Co of NH	**154**	**178.0**	**46.58**	**1.28**	**164**	**377.0**	**24.08**	**1.59**	**296**	**340.4**	**3.58**	**75**	**19**	**6**
Merrimack (NH)	101	195.2	52.64	1.41	2	543.6	31.46	0.27	-	-	-	100	*	-
Newington Station (NH)	-	-	-	-	162	375.6	24.01	1.60	296	340.4	3.58	-	77	23
Schiller (NH)	52	141.5	34.85	1.03	-	-	-	-	-	-	-	100	-	-
Public Service Co of Oklahoma	**328**	**102.4**	**18.18**	**0.45**	**-**	**-**	**-**	**-**	**10,362**	**304.0**	**3.12**	**35**	**-**	**65**
Comanche (CS) (OK)	-	-	-	-	-	-	-	-	1,201	302.5	3.12	-	-	100
Northeastern (OK)	328	102.4	18.18	0.45	-	-	-	-	3,831	303.7	3.09	60	-	40
Riverside (OK)	-	-	-	-	-	-	-	-	3,622	304.1	3.13	-	-	100
Southwestern (OK)	-	-	-	-	-	-	-	-	1,225	305.6	3.17	-	-	100
Tulsa (OK)	-	-	-	-	-	-	-	-	483	304.6	3.11	-	-	100
Puget Sound Power & Light Co	**642**	**63.7**	**10.91**	**0.70**	**3**	**573.8**	**33.98**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Colstrip (MT)	642	63.7	10.91	0.70	3	573.8	33.98	0.50	-	-	-	100	*	-
Richmond City of	**31**	**143.5**	**34.81**	**2.54**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Whitewater (IN)	31	143.5	34.81	2.54	-	-	-	-	-	-	-	100	-	-
Rochester Gas & Electric Corp	**86**	**151.0**	**39.86**	**2.44**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Russell Station 7 (NY)	86	151.0	39.86	2.44	-	-	-	-	-	-	-	100	-	-
Ruston City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**293.0**	**3.12**	**-**	**-**	**100**
Steam Plant (LA)	-	-	-	-	-	-	-	-	3	293.0	3.12	-	-	100
S Mississippi Elec Pwr Assn	**95**	**161.5**	**40.63**	**1.06**	**-**	**-**	**-**	**-**	**590**	**341.7**	**3.54**	**80**	**-**	**20**
Moselle (MS)	-	-	-	-	-	-	-	-	590	341.7	3.54	-	-	100
R D Morrow (MS)	95	161.5	40.63	1.06	-	-	-	-	-	-	-	100	-	-
Sacramento Municipal Utility	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,843**	**385.1**	**3.85**	**-**	**-**	**100**
Central Valley (CA)	-	-	-	-	-	-	-	-	490	384.9	3.85	-	-	100
SCA Cogen Proj (CA)	-	-	-	-	-	-	-	-	1,034	385.2	3.85	-	-	100
SPA Cogen Proj (CA)	-	-	-	-	-	-	-	-	1,319	385.1	3.85	-	-	100
Salt River Proj Ag I & P Dist	**951**	**116.5**	**24.48**	**0.54**	**5**	**701.9**	**41.19**	**0.05**	**2,626**	**267.0**	**2.71**	**88**	**-**	**12**
Agua Fria (AZ)	-	-	-	-	-	-	-	-	719	273.5	2.76	-	-	100
Coronado (AZ)	264	131.6	25.32	0.63	-	-	-	-	-	-	-	100	-	-
Kyrene (AZ)	-	-	-	-	-	-	-	-	1,036	264.4	2.69	-	-	100
Navajo (AZ)	687	111.4	24.16	0.51	5	701.9	41.19	0.05	-	-	-	100	*	-
Santan (AZ)	-	-	-	-	-	-	-	-	871	264.7	2.70	-	-	100
San Antonio City of	**492**	**115.3**	**20.21**	**0.35**	**-**	**-**	**-**	**-**	**5,061**	**315.9**	**3.20**	**63**	**-**	**37**
Arthur Rosenberg (TX)	-	-	-	-	-	-	-	-	1,458	315.9	3.19	-	-	100
Braunig (TX)	-	-	-	-	-	-	-	-	1,733	315.9	3.19	-	-	100
JT Deely/Spruce (TX)	492	115.3	20.21	0.35	-	-	-	-	2	315.9	3.22	100	-	*
Sommers (TX)	-	-	-	-	-	-	-	-	1,604	315.9	3.22	-	-	100
Tuttle (TX)	-	-	-	-	-	-	-	-	265	315.9	3.23	-	-	100
Seminole Electric Coop Inc	**340**	**168.7**	**40.99**	**3.04**	**3**	**624.2**	**36.54**	**0.29**	**1,884**	**370.4**	**3.70**	**81**	**-**	**19**
Payne Creek (FL)	-	-	-	-	-	-	-	-	1,884	370.4	3.70	-	-	100
Seminole (FL)	340	168.7	40.99	3.04	3	624.2	36.54	0.29	-	-	-	100	*	-
Sierra Pacific Power Co	**114**	**144.2**	**34.42**	**0.35**	**-**	**-**	**-**	**-**	**1,465**	**442.4**	**4.54**	**64**	**-**	**36**
Fort Churchill (NV)	-	-	-	-	-	-	-	-	967	411.4	4.22	-	-	100
North Valmy (NV)	114	144.2	34.42	0.35	-	-	-	-	-	-	-	100	-	-
Tracy (NV)	-	-	-	-	-	-	-	-	498	502.9	5.15	-	-	100
Sikeston City of	**63**	**113.9**	**20.09**	**0.29**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sikeston (MO)	63	113.9	20.09	0.29	-	-	-	-	-	-	-	100	-	-
South Carolina Electric&Gas Co	**576**	**165.0**	**42.26**	**1.09**	**6**	**548.2**	**31.78**	**0.20**	**5**	**523.1**	**5.38**	**100**	**-**	**-**
Canadys (SC)	97	158.9	40.83	1.10	3	519.7	30.12	0.20	5	519.5	5.34	99	1	*
Cope (SC)	116	165.6	41.23	1.02	-	-	-	-	-	-	-	100	-	-
Mcmeekin (SC)	34	153.5	39.55	1.21	-	-	-	-	-	-	-	100	-	-
Urguhart (SC)	38	160.4	42.21	1.34	-	-	-	-	-	-	-	100	-	-
Wateree (SC)	203	169.8	43.74	1.17	3	573.2	33.22	0.20	-	-	-	100	*	-
Williams (SC)	88	166.6	42.82	0.81	-	-	-	-	*	728.0	7.48	100	-	*
South Carolina Pub Serv Auth	**691**	**150.7**	**38.44**	**1.29**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Cross (SC)	388	147.7	38.09	1.31	-	-	-	-	-	-	-	100	-	-
Grainger (SC)	58	175.4	44.26	1.22	-	-	-	-	-	-	-	100	-	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
South Carolina Pub Serv Auth														
Jefferies (SC)	82	133.2	32.96	1.64	-	-	-	-	-	-	-	100	-	-
Winyah (SC)	163	157.8	39.95	1.10	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co	**423**	**142.9**	**31.30**	**0.47**	**-**	**-**	**-**	**-**	**12**	**514.0**	**5.29**	**100**	**-**	**-**
Mohave (NV)	423	142.9	31.30	0.47	-	-	-	-	12	514.0	5.29	100	-	*
Southern Illinois Power Coop	**80**	**80.7**	**15.55**	**2.28**	**1**	**589.8**	**33.61**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Marion (IL)	80	80.7	15.55	2.28	1	589.8	33.61	-	-	-	-	100	*	-
Southwestern Electric Power Co	**1,060**	**137.0**	**21.61**	**0.73**	**3**	**571.7**	**33.62**	**-**	**3,974**	**318.4**	**3.31**	**80**	**-**	**20**
Arsenal Hill (LA)	-	-	-	-	-	-	-	-	225	321.2	3.38	-	-	100
Flint Creek (AR)	159	152.6	26.20	0.25	3	571.7	33.62	-	-	-	-	99	1	-
Knox Lee (TX)	-	-	-	-	-	-	-	-	1,058	317.4	3.28	-	-	100
Lieberman (LA)	-	-	-	-	-	-	-	-	351	334.4	3.37	-	-	100
Lone Star (TX)	-	-	-	-	-	-	-	-	33	310.5	3.16	-	-	100
Pirkey (TX)	374	117.4	15.41	1.57	-	-	-	-	*	555.1	6.09	100	-	*
Welsh Station (TX)	527	142.9	24.64	0.28	-	-	-	-	-	-	-	100	-	-
Wilkes (TX)	-	-	-	-	-	-	-	-	2,307	316.3	3.31	-	-	100
Southwestern Public Service Co	**839**	**128.9**	**22.86**	**0.29**	**-**	**-**	**-**	**-**	**8,857**	**291.3**	**2.94**	**62**	**-**	**38**
Cunningham (NM)	-	-	-	-	-	-	-	-	1,661	308.0	3.12	-	-	100
Harrington (TX)	423	120.4	21.26	0.29	-	-	-	-	4	353.6	3.66	100	-	*
Jones (TX)	-	-	-	-	-	-	-	-	2,506	295.9	2.98	-	-	100
Maddox (NM)	-	-	-	-	-	-	-	-	616	315.2	3.21	-	-	100
Nichols (TX)	-	-	-	-	-	-	-	-	1,900	296.7	2.99	-	-	100
Plant X (TX)	-	-	-	-	-	-	-	-	2,168	261.6	2.65	-	-	100
Tolk (TX)	416	137.6	24.50	0.29	-	-	-	-	1	353.6	3.57	100	-	*
Springfield City of	**102**	**117.7**	**24.72**	**3.25**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Dallman (IL)	102	117.7	24.73	3.25	-	-	-	-	-	-	-	100	-	-
Lakeside (IL)	*	107.2	22.62	3.32	-	-	-	-	-	-	-	100	-	-
Springfield City of.	**183**	**111.7**	**20.00**	**0.20**	**-**	**-**	**-**	**-**	**92**	**326.7**	**3.30**	**97**	**-**	**3**
James River (MO)	104	112.9	20.23	0.20	-	-	-	-	49	326.7	3.30	97	-	3
Southwest (MO)	79	110.1	19.69	0.20	-	-	-	-	44	326.7	3.30	97	-	3
St Joseph Light & Power Co	**49**	**107.0**	**20.38**	**0.35**	**-**	**-**	**-**	**-**	**202**	**315.0**	**3.16**	**82**	**-**	**18**
Lakeroad (MO)	49	107.0	20.38	0.35	-	-	-	-	202	315.0	3.16	82	-	18
Tallahassee City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,031**	**375.0**	**3.89**	**-**	**-**	**100**
Hopkins (FL)	-	-	-	-	-	-	-	-	974	375.0	3.90	-	-	100
Purdom (FL)	-	-	-	-	-	-	-	-	1,057	375.0	3.88	-	-	100
Tampa Electric[5] Co	**491**	**155.1**	**36.10**	**2.18**	**17**	**550.5**	**31.91**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Big Bend (FL)	-	-	-	-	4	519.5	30.11	-	-	-	-	-	100	-
Davant Transfer (FL)	491	155.1	36.10	2.18	-	-	-	-	-	-	-	100	-	-
Gannon (FL)	-	-	-	-	6	535.2	31.02	-	-	-	-	-	100	-
Polk Station (FL)	-	-	-	-	7	579.0	33.56	-	-	-	-	-	100	-
Taunton City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**312**	**349.9**	**3.62**	**-**	**-**	**100**
Cleary (MA)	-	-	-	-	-	-	-	-	312	349.9	3.62	-	-	100
Tennessee Valley Authority[6]	**3,681**	**118.4**	**27.14**	**1.58**	**12**	**539.0**	**31.67**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Bull Run (TN)	225	125.4	31.52	0.91	-	-	-	-	-	-	-	100	-	-
Cora Transfer (TN)	152	116.5	23.89	0.39	-	-	-	-	-	-	-	100	-	-
Cumberland (TN)	645	107.3	25.82	2.71	5	545.7	32.06	0.50	-	-	-	100	*	-
GRT Terminal (TN)	1,001	117.8	25.27	0.76	-	-	-	-	-	-	-	100	-	-
Johnsonville (TN)	102	123.1	29.79	1.57	-	-	-	-	-	-	-	100	-	-
Kingston (TN)	350	130.6	32.10	0.86	2	548.3	32.22	0.50	-	-	-	100	*	-
Paradise (KY)	357	92.7	19.51	3.72	1	527.1	30.97	0.50	-	-	-	100	*	-
Sevier (TN)	182	126.0	32.15	0.82	-	-	-	-	-	-	-	100	-	-
Shawnee (KY)	369	135.1	30.90	0.89	1	524.7	30.83	0.50	-	-	-	100	*	-
Widows Creek (AL)	298	125.4	29.34	2.63	2	530.1	31.15	0.50	-	-	-	100	*	-
Terrabonne Parrish Con	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**124**	**354.3**	**3.81**	**-**	**-**	**100**
Houma (LA)	-	-	-	-	-	-	-	-	124	354.3	3.81	-	-	100
Texas Municipal Power Agency	**129**	**137.4**	**23.11**	**0.31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Gibbons Creek (TX)	129	137.4	23.11	0.31	-	-	-	-	-	-	-	100	-	-
Texas-New Mexico Power Co	**180**	**150.5**	**20.92**	**0.83**	**-**	**-**	**-**	**-**	**3**	**325.9**	**3.34**	**100**	**-**	**-**
TNP One (Tx)	180	150.5	20.92	0.83	-	-	-	-	3	325.9	3.34	100	-	*
Tri State Gen & Trans Assn, Inc	**572**	**107.7**	**21.91**	**0.57**	**-**	**-**	**-**	**-**	**7**	**210.9**	**2.30**	**100**	**-**	**-**
Craig (CO)	452	104.6	21.59	0.48	-	-	-	-	7	202.3	2.25	100	-	*
Escalante (NM)	85	132.4	24.00	0.83	-	-	-	-	*	370.5	3.10	100	-	*
Nucla (CO)	35	96.7	20.90	1.06	-	-	-	-	-	-	-	100	-	-
Tucson Electric Power Co	**317**	**138.3**	**25.86**	**0.85**	**-**	**-**	**-**	**-**	**1,161**	**330.4**	**3.40**	**83**	**-**	**17**
Irvington (AZ)	32	155.5	35.10	0.55	-	-	-	-	1,161	330.4	3.40	38	-	62
Springerville (AZ)	285	135.9	24.83	0.88	-	-	-	-	-	-	-	100	-	-
United Power Assn	**109**	**74.8**	**9.98**	**0.61**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Stanton (ND)	109	74.8	9.98	0.61	-	-	-	-	-	-	-	100	-	-
UtiliCorp United Inc	**100**	**86.4**	**15.92**	**0.32**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sibley (MO)	100	86.4	15.92	0.32	-	-	-	-	-	-	-	100	-	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, August 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Vero Beach City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**257**	**332.3**	**3.45**	**-**	**-**	**100**
Vero Beach (FL)	-	-	-	-	-	-	-	-	257	332.3	3.45	-	-	100
Vineland City of	**6**	**250.1**	**63.90**	**0.71**	**24**	**511.4**	**31.79**	**0.74**	**-**	**-**	**-**	**50**	**50**	**-**
H M Down (NJ)	6	250.1	63.90	0.71	24	511.4	31.79	0.74	-	-	-	50	50	-
Virginia Electric & Power Co	**1,093**	**144.9**	**36.48**	**1.40**	**862**	**404.1**	**25.78**	**0.93**	**2,299**	**380.0**	**3.91**	**76**	**15**	**9**
Bremo Bluff (VA)	22	174.4	43.28	1.03	-	-	-	-	-	-	-	100	-	-
Chesapeake Energy (VA)	112	171.1	44.75	1.09	-	-	-	-	-	-	-	100	-	-
Chesterfield (VA)	198	166.2	43.30	1.34	-	-	-	-	1,813	394.5	4.06	73	-	27
Clover (VA)	195	146.2	37.31	1.06	-	-	-	-	-	-	-	100	-	-
Mount Storm (WV)	439	115.6	28.15	1.70	3	591.3	34.77	0.20	-	-	-	100	*	-
North Branch (VA)	15	98.1	19.69	2.23	-	-	-	-	-	-	-	100	-	-
Possum Point (VA)	56	189.4	48.88	0.91	324	417.9	26.65	0.69	-	-	-	41	59	-
Storage Facility #1	-	-	-	-	221	409.3	26.13	1.20	-	-	-	-	100	-
Yorktown (VA)	57	157.4	40.71	1.53	314	384.6	24.55	1.00	485	359.4	3.73	37	50	13
West Penn Power Co	**85**	**120.7**	**30.80**	**2.17**	**-**	**561.1**	**33.23**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Hatfield (PA)	85	120.7	30.80	2.17	*	561.1	33.23	0.30	-	-	-	100	*	-
Western Farmers Elec Coop Inc	**196**	**116.4**	**20.10**	**0.24**	**-**	**-**	**-**	**-**	**423**	**376.9**	**4.06**	**88**	**-**	**12**
Hugo (OK)	196	116.4	20.10	0.24	-	-	-	-	-	-	-	100	-	-
Mooreland (OK)	-	-	-	-	-	-	-	-	423	376.9	4.06	-	-	100
WestPlains Energy	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,191**	**288.1**	**2.86**	**-**	**-**	**100**
Cimarron River (KS)	-	-	-	-	-	-	-	-	244	290.0	2.87	-	-	100
Large (KS)	-	-	-	-	-	-	-	-	593	283.0	2.79	-	-	100
Mullergren (KS)	-	-	-	-	-	-	-	-	355	295.1	2.97	-	-	100
Wisconsin Electric Power Co	**965**	**107.8**	**20.58**	**0.38**	**3**	**645.9**	**37.87**	**0.31**	**129**	**333.2**	**3.35**	**99**	**-**	**1**
Oak Creek (WI)	255	98.9	17.65	0.21	-	-	-	-	82	328.4	3.30	98	-	2
Pleasant Prairie (WI)	373	77.7	13.20	0.35	-	-	-	-	41	334.5	3.37	99	-	1
Port Washington (WI)	32	127.0	33.32	1.47	-	-	-	-	*	707.1	7.14	100	-	*
Presque Isle (MI)	224	131.0	27.67	0.44	3	645.9	37.87	0.31	-	-	-	100	*	-
Valley (WI)	81	162.0	39.09	0.51	-	-	-	-	6	370.9	3.75	100	-	*
Wisconsin Power & Light Co	**727**	**118.6**	**20.79**	**0.35**	**15**	**596.5**	**35.08**	**-**	**3**	**110.2**	**1.10**	**99**	**1**	**-**
Blackhawk (WI)	-	-	-	-	-	-	-	-	3	110.2	1.10	-	-	100
Columbia (WI)	403	118.2	20.10	0.36	8	554.9	32.63	-	-	-	-	99	1	-
Edgewater (WI)	229	118.7	21.42	0.32	7	640.3	37.65	-	-	-	-	99	1	-
Nelson Dewey (WI)	95	120.0	22.16	0.33	-	-	-	-	-	-	-	100	-	-
Wisconsin Public Service Corp	**309**	**101.2**	**17.98**	**0.22**	**-**	**-**	**-**	**-**	**31**	**375.1**	**3.77**	**99**	**-**	**1**
Pulliam (WI)	162	99.6	17.80	0.20	-	-	-	-	26	375.1	3.77	99	-	1
Weston (WI)	147	102.9	18.18	0.25	-	-	-	-	5	375.1	3.77	100	-	*
Wyandotte Municipal Serv Comm	**32**	**161.1**	**39.56**	**1.03**	**-**	**-**	**-**	**-**	**-**	**1,500.0**	**15.00**	**100**	**-**	**-**
Wyandotte (MI)	32	161.1	39.56	1.03	-	-	-	-	*	1,500.0	15.00	100	-	*
U.S. Total	**61,386**	**123.4**	**25.20**	**0.87**	**6,934**	**389.3**	**25.01**	**0.99**	**205,148**	**338.4**	**3.47**	**83**	**3**	**14**

[1] The August 2002 petroleum coke receipts were 367,340 short tons and cost was 57.7 cents per million Btu.

[2] The entry includes at least one delivery at a price of 1, 000 cents per million Btu or greater. High price is frequently caused when fixed costs are average into a small quality.

[3] Most coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.

[4] The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These additional costs are not included in data shown in this report. When aggregated at the Sate level, data for this transfer facility are shown as though the coal were delivered to Florida.

[5] The cost reported under Davant Transfer (Louisiana) is the weighted average cost of coal delivered to this facility located in Louisiana. The Tampa Electric Company incurs additional costs for transporting this coal from Davant to its power plants which are located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

[6] Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Nearly all the coal delivered to the Cora facility is transferred to plants in Tennessee. Almost 1 percent was transferred to plants in Alabama. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 64 percent of the coal delivered to the GRT facility was transferred to plants in Tennessee. Approximately 36 percent was transferred to plants in Alabama. All coal delivered to GRT is shown in this report as being delivered to Tennessee.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Data for 2002 are preliminary. • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf=thousand cubic feet and bbl=barrel. • Monetary values are expressed in nominal terms.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

U.S. Electric Nonutility Net Generation

Table 58. U.S. Nonutility Net Generation, 1990 Through September 2002

(Million Kilowatthours)

Period	Coal	Petroleum[1]	Gas[2]	Nuclear	Hydroelectric	Geothermal	Other[3]	Total
1990	**30,699**	**7,031**	**114,253**	**113**	**9,580**	**7,207**	**47,733**	**216,615**
1991	**38,773**	**7,494**	**128,419**	**77**	**9,446**	**7,953**	**54,017**	**246,178**
1992	**45,189**	**10,508**	**154,429**	**65**	**9,352**	**8,318**	**58,287**	**286,148**
1993	**50,859**	**12,814**	**169,502**	**76**	**11,396**	**9,454**	**60,299**	**314,399**
1994	**56,197**	**14,464**	**186,924**	**52**	**13,095**	**9,816**	**62,539**	**343,087**
1995	**57,261**	**14,416**	**204,804**	**-**	**14,626**	**9,614**	**62,587**	**363,308**
1996	**58,257**	**14,337**	**207,417**	**-**	**16,390**	**9,892**	**63,260**	**369,552**
1997	**56,298**	**15,272**	**213,160**	**-**	**17,673**	**9,100**	**60,196**	**371,700**
1998	**66,466**	**16,775**	**239,992**	**-**	**14,486**	**9,550**	**58,433**	**405,702**
1999	**116,642**	**36,631**	**273,598**	**3,218**	**19,445**	**13,316**	**68,020**	**530,871**
2000								
January	19,634	3,547	23,541	1,799	2,215	1,186	5,684	57,605
February	17,847	2,528	22,514	1,635	1,826	1,061	5,440	52,851
March	17,923	1,919	22,490	1,790	2,250	1,052	5,740	53,164
April	17,148	1,791	21,712	1,737	2,333	1,095	5,635	51,450
May	19,593	2,086	25,596	1,615	2,293	1,120	5,510	57,814
June	21,593	2,681	28,142	1,622	2,114	1,132	5,613	62,896
July	26,755	2,656	30,352	4,633	2,077	1,205	5,941	73,618
August	27,707	3,509	34,600	5,049	2,120	1,237	5,774	79,996
September	24,967	2,735	30,281	7,028	2,091	1,197	5,548	73,849
October	24,161	3,232	28,271	6,143	1,829	1,232	5,770	70,637
November	24,894	3,307	27,071	6,737	1,811	1,238	5,571	70,630
December	28,884	6,611	27,096	8,672	1,927	1,290	5,571	80,051
Total	**271,106**	**36,601**	**321,665**	**48,460**	**24,886**	**14,046**	**67,796**	**784,561**
2001								
January	34,248	7,550	28,403	19,831	1,632	1,277	5,963	98,905
February	29,666	4,771	25,981	17,725	1,687	1,142	5,259	86,231
March	28,936	5,392	29,453	18,664	1,881	1,178	5,916	91,422
April	25,730	4,137	27,124	16,961	2,291	1,088	6,187	83,518
May	26,244	3,724	30,315	18,200	2,076	1,071	6,201	87,831
June	29,355	4,346	33,616	20,173	1,969	1,071	6,293	96,823
July	32,770	4,030	39,214	20,719	1,360	1,160	6,659	105,912
August	34,379	5,575	43,329	20,123	1,086	1,147	6,669	112,308
September	28,402	2,247	34,999	19,521	872	1,123	6,244	93,409
October	27,441	2,360	33,755	19,284	855	1,143	6,393	91,229
November	26,737	2,216	28,763	20,927	950	1,141	6,258	86,992
December	28,589	2,747	30,519	22,490	1,380	1,180	6,396	93,301
Total	**352,498**	**49,093**	**385,473**	**234,619**	**18,038**	**13,722**	**74,439**	**1,127,882**
2002								
January	33,420	2,297	32,570	24,096	1,347	1,187	6,297	101,214
February	26,163	2,335	30,632	21,400	1,641	1,023	7,342	90,536
March	30,643	3,254	36,770	19,997	1,979	1,147	7,190	100,979
April	31,153	2,666	33,882	19,383	2,729	1,020	6,200	97,034
May	30,968	2,439	32,842	22,564	2,898	1,111	6,551	99,372
June	33,660	2,849	41,188	23,384	2,327	1,035	6,572	111,015
July	38,379	4,352	54,100	24,319	1,545	1,145	7,126	130,966
August	38,050	3,635	52,563	24,818	986	1,125	6,807	127,985
September	36,099	2,526	45,001	22,622	1,067	1,087	6,629	115,031
Total	**298,536**	**26,354**	**359,549**	**202,583**	**16,519**	**9,879**	**60,713**	**974,132**
Year to Date								
2002	**298,536**	**26,354**	**359,549**	**202,583**	**16,519**	**9,879**	**60,713**	**974,132**
2001	**269,730**	**41,771**	**292,436**	**171,918**	**14,854**	**10,258**	**55,391**	**856,359**

[1] Includes fuel oil nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.
[2] Includes supplemental gaseous fuel.
[3] Includes biomass, wind, photovoltaic, solar thermal, batteries, chemicals, hydrogen, sulfur, pitch, purchased steam and miscellaneous technologies.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 2000: Form EIA - 900 "Monthly Nonutility Power Plant Report." • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2001 forward - Form EIA-906, "Power Plant Report."

Table 59. U.S. Nonutility Net Generation by Nonrenewable Energy Source, 1990 Through September 2002

(Million Kilowatthours)

Period	All Nonrenewable Energy Sources	Coal[1]	Petroleum[2]	Gas	Nuclear	Hydroelectric (Pumped Storage)
1990	**152,095**	**30,699**	**7,031**	**114,253**	**113**	**-**
1991	**174,763**	**38,773**	**7,494**	**128,419**	**77**	**-**
1992	**210,192**	**45,189**	**10,508**	**154,429**	**65**	**-**
1993	**233,251**	**50,859**	**12,814**	**169,502**	**76**	**-**
1994	**257,638**	**56,197**	**14,464**	**186,924**	**52**	**-**
1995	**276,481**	**57,261**	**14,416**	**204,804**	**-**	**-**
1996	**280,010**	**58,257**	**14,337**	**207,417**	**-**	**-**
1997	**284,730**	**56,298**	**15,272**	**213,160**	**-**	**-**
1998	**323,233**	**66,466**	**16,775**	**239,992**	**-**	**-**
1999	**429,964**	**116,642**	**36,631**	**273,598**	**3,218**	**-124**
2000						
January	48,502	19,634	3,547	23,541	1,799	-19
February	44,508	17,847	2,528	22,514	1,635	-16
March	44,109	17,923	1,919	22,490	1,790	-13
April	42,347	17,148	1,791	21,712	1,737	-41
May	48,833	19,593	2,086	25,596	1,615	-57
June	53,976	21,593	2,681	28,142	1,622	-61
July	64,323	26,755	2,656	30,352	4,633	-71
August	70,792	27,707	3,509	34,600	5,049	-73
September	64,940	24,967	2,735	30,281	7,028	-71
October	61,746	24,161	3,232	28,271	6,143	-60
November	61,956	24,894	3,307	27,071	6,737	-54
December	71,208	28,884	6,611	27,096	8,672	-56
Total	**677,241**	**271,106**	**36,601**	**321,665**	**48,460**	**-592**
2001						
January	89,981	34,248	7,550	28,403	19,831	-52
February	78,072	29,666	4,771	25,981	17,725	-71
March	82,353	28,936	5,392	29,453	18,664	-93
April	73,856	25,730	4,137	27,124	16,961	-96
May	78,391	26,244	3,724	30,315	18,200	-93
June	87,384	29,355	4,346	33,616	20,173	-105
July	96,626	32,770	4,030	39,214	20,719	-106
August	103,296	34,379	5,575	43,329	20,123	-111
September	85,048	28,402	2,247	34,999	19,521	-122
October	82,746	27,441	2,360	33,755	19,284	-92
November	78,564	26,737	2,216	28,763	20,927	-79
December	84,247	28,589	2,747	30,519	22,490	-99
Total	**1,020,564**	**352,498**	**49,093**	**385,473**	**234,619**	**-1,119**
2002						
January	92,343	33,420	2,297	32,570	24,096	-40
February	80,465	26,163	2,335	30,632	21,400	-64
March	90,619	30,643	3,254	36,770	19,997	-45
April	87,016	31,153	2,666	33,882	19,383	-69
May	88,719	30,968	2,439	32,842	22,564	-94
June	100,980	33,660	2,849	41,188	23,384	-102
July	121,063	38,379	4,352	54,100	24,319	-88
August	118,965	38,050	3,635	52,563	24,818	-101
September	106,184	36,099	2,526	45,001	22,622	-65
Total	**886,354**	**298,536**	**26,354**	**359,549**	**202,583**	**-668**
Year to Date						
2002	**886,354**	**298,536**	**26,354**	**359,549**	**202,583**	**-668**
2001	**775,006**	**269,730**	**41,771**	**292,436**	**171,918**	**-849**

[1] Includes lignite, bituminous coal, subbituminous coal, and anthracite.
[2] Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • Total may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 60. U.S. Nonutility Net Generation by Renewable Energy Source, 1990 Through September 2002

(Million Kilowatthours)

Period	All Renewable Energy Sources	Hydroelectric (Conventional)	Geothermal	Biomass	Wind	Photovoltaic	Solar Thermal
1990	**61,873**	**9,580**	**7,207**	**41,408**	**3,035**	**8**	**636**
1991	**67,914**	**9,446**	**7,953**	**46,740**	**3,019**	**5**	**751**
1992	**72,545**	**9,352**	**8,318**	**51,264**	**2,887**	**3**	**720**
1993	**78,059**	**11,396**	**9,454**	**53,318**	**3,022**	**2**	**868**
1994	**82,055**	**13,095**	**9,816**	**54,898**	**3,447**	**0**	**799**
1995	**83,155**	**14,626**	**9,614**	**54,962**	**3,153**	**-**	**-**
1996	**85,864**	**16,390**	**9,892**	**55,341**	**3,366**	**-**	**-**
1997	**83,519**	**17,673**	**9,100**	**52,664**	**3,216**	**-**	**-**
1998	**78,862**	**14,486**	**9,550**	**50,988**	**2,985**	**10**	**843**
1999	**100,906**	**19,570**	**13,316**	**62,710**	**4,465**	**55**	**790**
2000							
January	9,103	2,234	1,186	5,262	387	5	30
February	8,343	1,842	1,061	5,029	364	5	42
March	9,055	2,263	1,052	5,255	426	5	56
April	9,103	2,374	1,095	5,074	491	5	64
May	8,981	2,350	1,120	4,977	458	5	71
June	8,920	2,176	1,132	5,084	424	5	100
July	9,294	2,148	1,205	5,442	397	5	97
August	9,203	2,192	1,237	5,264	405	5	99
September	8,908	2,162	1,197	5,076	379	5	90
October	8,891	1,889	1,232	5,281	440	5	45
November	8,674	1,865	1,238	5,100	414	5	53
December	8,844	1,983	1,290	5,186	341	5	40
Total	**107,320**	**25,478**	**14,046**	**62,030**	**4,925**	**55**	**787**
2001							
January	8,924	1,684	1,277	5,642	309	-	12
February	8,159	1,758	1,142	4,935	311	-	13
March	9,069	1,974	1,178	5,393	479	-	44
April	9,662	2,387	1,088	5,479	648	-	60
May	9,440	2,169	1,071	5,496	614	-	91
June	9,439	2,075	1,071	5,544	637	-	112
July	9,286	1,466	1,160	5,970	568	-	121
August	9,013	1,197	1,147	6,052	495	-	122
September	8,361	994	1,123	5,714	405	-	125
October	8,483	947	1,143	5,889	456	-	49
November	8,428	1,028	1,141	5,841	356	-	62
December	9,054	1,479	1,180	5,948	402	-	46
Total	**107,318**	**19,157**	**13,722**	**67,902**	**5,680**	**-**	**856**
2002							
January	8,871	1,387	1,187	6,115	151	-	30
February	10,071	1,706	1,023	6,808	502	-	33
March	10,360	2,023	1,147	6,553	591	-	46
April	10,018	2,798	1,020	5,181	960	-	59
May	10,653	2,991	1,111	5,456	1,005	-	90
June	10,035	2,429	1,035	5,559	903	-	109
July	9,904	1,633	1,145	6,266	753	-	106
August	9,020	1,088	1,125	5,965	743	-	99
September	8,847	1,132	1,087	5,618	959	-	52
Total	**87,779**	**17,186**	**9,879**	**53,522**	**6,567**	**-**	**624**
Year to Date							
2002	**87,779**	**17,186**	**9,879**	**53,522**	**6,567**	**-**	**624**
2001	**81,352**	**15,703**	**10,258**	**50,224**	**4,467**	**-**	**700**

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • Total may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 61. Nonutility Net Generation by Census Division

(Million Kilowatthours)

Census Division	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	8,959	10,280	8,300	78,980	71,409	10.6
Middle Atlantic	28,616	33,283	25,534	248,822	239,813	3.8
East North Central	18,302	20,791	15,127	152,606	140,284	8.8
West North Central	1,014	921	596	7,562	5,590	35.3
South Atlantic	12,803	14,856	12,437	111,232	112,736	-1.3
East South Central	2,716	3,273	2,163	24,292	21,010	15.6
West South Central	25,305	27,036	12,583	212,867	114,191	86.4
Mountain	4,296	4,302	3,479	32,213	28,034	14.9
Pacific Contiguous	12,549	12,764	12,720	101,729	119,116	-14.6
Pacific Noncontiguous	471	480	469	3,829	4,176	-8.3
U.S. Total	**115,031**	**127,985**	**93,409**	**974,132**	**856,359**	**13.8**

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 62. Nonutility Net Generation from Coal by Census Division

(Million Kilowatthours)

Census Division	September 2002	August 2002	September 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,153	1,288	900	11,087	11,320	-2.1	14.0	15.9
Middle Atlantic	11,088	12,452	10,007	93,166	100,195	-7.0	37.4	41.8
East North Central	7,408	8,015	5,297	55,717	47,585	17.1	36.5	33.9
West North Central	NM	370	NM	2,770	2,380	16.4	36.6	42.6
South Atlantic	6,783	7,672	6,794	59,852	61,843	-3.2	53.8	54.9
East South Central	1,091	1,253	1,132	10,185	10,586	-3.8	41.9	50.4
West South Central	5,396	4,913	1,280	46,592	12,893	261.4	21.9	11.3
Mountain	1,534	1,715	1,570	10,637	13,172	-19.2	33.0	47.0
Pacific Contiguous	1,181	207	973	7,132	8,358	-14.7	7.0	7.0
Pacific Noncontiguous	NM	166	NM	1,397	1,399	-0.2	36.5	33.5
U.S. Total	**36,099**	**38,050**	**28,402**	**298,536**	**269,730**	**10.7**	**30.6**	**31.5**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, synthetic coal and waste coal. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 63. Nonutility Net Generation from Petroleum by Census Division

(Million Kilowatthours)

Census Division	September 2002	August 2002	September 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	935	1,093	766	7,701	13,433	-42.7	9.8	18.8
Middle Atlantic	446	1,110	NM	5,756	10,961	-47.5	2.3	4.6
East North Central	NM	NM	NM	773	2,032	-62.0	0.5	1.4
West North Central	NM	NM	NM	34	78	-56.1	0.5	1.4
South Atlantic	NM	619	409	5,197	7,627	-31.9	4.7	6.8
East South Central	NM	NM	NM	180	272	-33.8	0.7	1.3
West South Central	259	334	NM	2,967	2,653	11.9	1.4	2.3
Mountain	NM	NM	NM	573	457	25.3	1.8	1.6
Pacific Contiguous	NM	NM	NM	2,178	2,721	-19.9	2.1	2.3
Pacific Noncontiguous	146	143	NM	994	1,537	-35.3	26.0	36.8
U.S. Total	**2,526**	**3,635**	**2,247**	**26,354**	**41,771**	**-36.9**	**2.7**	**4.9**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, petroleum coke, and waste oil. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 64. Nonutility Net Generation from Gas by Census Division
(Million Kilowatthours)

Census Division	September 2002	August 2002	September 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	4,217	4,436	3,721	32,016	23,577	35.8	40.5	33.0
Middle Atlantic	5,526	7,363	5,247	43,234	38,760	11.5	17.4	16.2
East North Central	2,748	4,064	1,971	24,714	16,611	48.8	16.2	11.8
West North Central	NM	NM	NM	2,040	1,036	96.9	27.0	18.5
South Atlantic	2,809	3,686	2,286	21,255	16,860	26.1	19.1	15.0
East South Central	NM	NM	NM	7,693	5,012	53.5	31.7	23.9
West South Central	17,191	19,304	10,318	141,644	91,734	54.4	66.5	80.3
Mountain	2,278	2,025	1,468	16,021	9,974	60.6	49.7	35.6
Pacific Contiguous	9,007	9,960	9,395	70,174	88,284	-20.5	69.0	74.1
Pacific Noncontiguous	NM	NM	NM	758	587	29.1	19.8	14.1
U.S. Total	**45,001**	**52,563**	**34,999**	**359,549**	**292,436**	**22.9**	**36.9**	**34.1**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 65. Nonutility Net Generation from Hydroelectric by Census Division

(Million Kilowatthours)

Census Division	September 2002	August 2002	September 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	278	NM	NM	4,087	3,807	7.4	5.2	5.3
Middle Atlantic	226	163	191	3,785	3,899	-2.9	1.5	1.6
East North Central	NM	NM	NM	353	293	20.7	0.2	0.2
West North Central	NM	NM	NM	298	245	21.7	3.9	4.4
South Atlantic	111	NM	132	2,414	2,353	2.6	2.2	2.1
East South Central	51	NM	52	383	258	48.5	1.6	1.2
West South Central	29	34	24	755	586	28.8	0.4	0.5
Mountain	255	352	192	3,120	2,495	25.0	9.7	8.9
Pacific Contiguous	NM	NM	NM	1,238	880	40.8	1.2	0.7
Pacific Noncontiguous	NM	NM	NM	84	38	120.0	2.2	0.9
U.S. Total	**1,067**	**986**	**872**	**16,519**	**14,854**	**11.2**	**1.7**	**1.7**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 66. Nonutility Net Generation from Nuclear by Census Division

(Million Kilowatthours)

Census Division	September 2002	August 2002	September 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,562	2,151	1,911	15,981	12,180	31.2	20.2	17.1
Middle Atlantic	10,718	11,590	9,187	97,380	80,516	20.9	39.1	33.6
East North Central	7,616	8,198	7,211	67,322	69,320	-2.9	44.1	49.4
West North Central	-	-	-	-	-	-	-	-
South Atlantic	1,211	1,242	1,213	8,485	9,902	-14.3	7.6	8.8
East South Central	-	-	-	-	-	-	-	-
West South Central	1,515	1,637	-	13,415	-	-	6.3	-
Mountain	-	-	-	-	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
U.S. Total	**22,622**	**24,818**	**19,521**	**202,583**	**171,918**	**17.8**	**20.8**	**20.1**

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 67. Nonutility Net Generation from Other Energy Sources by Census Division

(Million Kilowatthours)

Census Division	September 2002	August 2002	September 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	NM	NM	817	8,108	7,092	14.3	10.3	9.9
Middle Atlantic	NM	605	626	5,501	5,481	0.4	2.2	2.3
East North Central	NM	NM	468	3,727	4,443	-16.1	2.4	3.2
West North Central	NM	NM	185	2,420	1,851	30.8	32.0	33.1
South Atlantic	1,470	1,555	1,603	14,029	14,151	-0.9	12.6	12.6
East South Central	649	680	540	5,850	4,882	19.8	24.1	23.2
West South Central	916	813	741	7,493	6,325	18.5	3.5	5.5
Mountain	NM	NM	196	1,863	1,935	-3.7	5.8	6.9
Pacific Contiguous	2,099	2,280	2,125	21,006	18,874	11.3	20.6	15.8
Pacific Noncontiguous	56	61	66	596	615	-3.1	15.6	14.7
U.S. Total	**7,715**	**7,932**	**7,367**	**70,593**	**65,649**	**7.5**	**7.2**	**7.7**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include geothermal, biomass, wind, solar batteries, chemical, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

U.S. Electric Nonutility Consumption of Fossil Fuels

Table 68. U.S. Nonutility Consumption of Fossil Fuels, 1990 Through September 2002

Period	Coal (thousand short tons)				Petroleum (thousand short tons)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Distillate	Residual	Total		
1990	**1,652**	**28,038**	**2,621**	**32,311**	**6,699**	**21,179**	**27,878**	**1,108**	**1,388,020**
1991	**3,159**	**32,601**	**2,359**	**38,119**	**6,217**	**21,665**	**27,882**	**1,629**	**2,934,556**
1992	**2,473**	**37,522**	**4,612**	**44,607**	**7,266**	**24,610**	**31,876**	**2,750**	**3,432,489**
1993	**3,610**	**41,157**	**3,576**	**48,343**	**8,534**	**28,427**	**36,961**	**3,182**	**3,695,704**
1994	**4,040**	**43,204**	**5,017**	**52,261**	**10,036**	**31,853**	**41,889**	**4,740**	**3,740,297**
1995	**3,014**	**42,414**	**4,901**	**50,329**	**11,559**	**23,473**	**35,032**	**4,188**	**3,915,937**
1996	**3,840**	**45,052**	**4,307**	**53,199**	**5,851**	**32,593**	**38,444**	**4,484**	**4,184,990**
1997	**4,556**	**43,836**	**4,165**	**52,557**	**12,394**	**22,481**	**34,875**	**4,364**	**3,184,970**
1998	**3,268**	**48,757**	**4,825**	**56,850**	**11,521**	**42,754**	**54,275**	**4,470**	**3,547,447**
1999	**NA**	**NA**	**NA**	**58,396**	**NA**	**NA**	**52,141**	**2,915**	**2,635,525**
2000									
January	NA	NA	NA	9,590	NA	NA	5,173	270	242,693
February	NA	NA	NA	8,738	NA	NA	3,460	254	231,211
March	NA	NA	NA	8,910	NA	NA	2,367	282	236,980
April	NA	NA	NA	8,501	NA	NA	2,236	261	226,604
May	NA	NA	NA	9,664	NA	NA	2,848	229	263,660
June	NA	NA	NA	10,691	NA	NA	3,935	230	288,515
July	NA	NA	NA	12,925	NA	NA	3,701	263	309,759
August	NA	NA	NA	13,345	NA	NA	5,301	235	352,104
September	NA	NA	NA	11,931	NA	NA	3,910	259	307,180
October	NA	NA	NA	11,714	NA	NA	4,533	257	288,131
November	NA	NA	NA	11,853	NA	NA	4,681	251	269,785
December	NA	NA	NA	13,769	NA	NA	10,496	228	270,468
Total	**NA**	**NA**	**NA**	**131,631**	**NA**	**NA**	**52,640**	**3,021**	**3,287,090**
2001									
January	NA	NA	NA	16,518	NA	NA	13,230	311	321,568
February	NA	NA	NA	14,378	NA	NA	8,102	279	294,145
March	NA	NA	NA	14,250	NA	NA	8,823	301	334,966
April	NA	NA	NA	12,712	NA	NA	6,748	272	301,883
May	NA	NA	NA	13,021	NA	NA	5,818	304	342,101
June	NA	NA	NA	14,585	NA	NA	7,181	275	360,632
July	NA	NA	NA	16,438	NA	NA	6,321	310	425,552
August	NA	NA	NA	17,045	NA	NA	9,362	257	468,439
September	NA	NA	NA	14,475	NA	NA	3,361	268	388,320
October	NA	NA	NA	13,811	NA	NA	3,434	276	367,636
November	NA	NA	NA	13,473	NA	NA	3,386	239	315,643
December	NA	NA	NA	14,535	NA	NA	3,928	321	333,946
Total	**NA**	**NA**	**NA**	**175,241**	**NA**	**NA**	**79,695**	**3,413**	**4,254,831**
2002									
January	NA	NA	NA	17,082	NA	NA	3,068	381	354,150
February	NA	NA	NA	13,386	NA	NA	2,986	275	327,071
March	NA	NA	NA	16,067	NA	NA	4,683	255	377,586
April	NA	NA	NA	16,401	NA	NA	3,366	270	337,909
May	NA	NA	NA	16,547	NA	NA	3,063	312	328,845
June	NA	NA	NA	17,668	NA	NA	4,002	301	399,700
July	NA	NA	NA	19,969	NA	NA	5,736	305	516,890
August	NA	NA	NA	19,320	NA	NA	5,152	486	484,732
September	NA	NA	NA	17,515	NA	NA	3,208	244	408,798
Total	**NA**	**NA**	**NA**	**153,955**	**NA**	**NA**	**35,263**	**2,828**	**3,535,678**
Year to Date									
2002	**NA**	**NA**	**NA**	**153,955**	**NA**	**NA**	**35,263**	**2,828**	**3,535,678**
2001	**NA**	**NA**	**NA**	**133,422**	**NA**	**NA**	**68,946**	**2,577**	**3,237,606**

[1] Includes anthracite silt stored off-site.
[2] Includes subbituminous coal.

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • 1992-2000 consumption also includes fuels used for the production of thermal heat from cogenerators. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 69. Nonutility Consumption of Coal by Census Division

(Thousand Short Tons)

Census Division	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	NM	518	378	4,308	4,699	-8.3
Middle Atlantic	4,879	4,929	4,562	40,358	44,266	-8.8
East North Central	4,301	4,695	3,117	31,665	27,619	14.7
West North Central	NM	NM	NM	2,089	1,985	5.3
South Atlantic	2,829	3,204	2,972	25,139	26,597	-5.5
East South Central	510	583	562	4,894	5,108	-4.2
West South Central	2,918	3,743	892	33,344	8,636	286.1
Mountain	962	1,162	1,037	6,931	8,468	-18.2
Pacific Contiguous	701	NM	612	4,435	5,249	-15.5
Pacific Noncontiguous	NM	NM	NM	791	796	-0.6
U.S. Total	**17,515**	**19,320**	**14,475**	**153,955**	**133,422**	**15.4**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Coal includes lignite, bituminous coal, subbituminous coal, synthetic coal and waste coal. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 70. Nonutility Consumption of Petroleum by Census Division
(Thousand Barrels)

Census Division	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	1,213	1,672	1,300	12,044	22,822	-47.2
Middle Atlantic	778	1,925	NM	9,816	20,104	-51.2
East North Central	NM	NM	NM	1,083	3,654	-70.4
West North Central	NM	NM	NM	88	182	-51.6
South Atlantic	NM	1,033	NM	7,953	13,946	-43.0
East South Central	NM	NM	NM	568	987	-42.4
West South Central	NM	NM	NM	1,086	1,459	-25.6
Mountain	NM	NM	NM	121	368	-67.2
Pacific Contiguous	NM	NM	NM	840	2,944	-71.5
Pacific Noncontiguous	261	261	NM	1,664	2,480	-32.9
U.S. Total	**3,208**	**5,152**	**3,361**	**35,263**	**68,946**	**-48.9**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke, therefore, percent change in fuel consumption and generation may not be consistent. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 71. Nonutility Consumption of Gas by Census Division

(Million Cubic Feet)

Census Division	September 2002	August 2002	September 2001	Year to Date		
				2002	2001	Difference (percent)
New England	29,405	32,012	32,242	244,656	199,495	22.6
Middle Atlantic	49,182	72,149	53,373	419,351	387,156	8.3
East North Central	NM	NM	45,539	436,650	393,085	11.1
West North Central	NM	NM	NM	22,848	18,374	24.3
South Atlantic	30,401	41,003	25,972	254,804	201,599	26.4
East South Central	NM	NM	NM	83,090	78,210	6.2
West South Central	154,703	168,991	110,959	1,338,978	968,415	38.3
Mountain	NM	NM	14,224	141,206	104,306	35.4
Pacific Contiguous	70,807	73,210	95,006	586,583	879,900	-33.3
Pacific Noncontiguous	NM	NM	NM	7,511	7,065	6.3
U.S. Total	**408,798**	**484,732**	**388,320**	**3,535,678**	**3,237,606**	**9.2**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Fossil-Fuel Stocks at U.S. Electric Nonutilities

Table 72. U.S. Nonutility Stocks of Coal and Petroleum, 1990 Through September 2002

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite	Bituminous	Lignite	Total	Distillate	Residual	Total	
1990	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1991	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1992	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1993	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1994	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1995	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1996	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1997	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1998	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
1999	**NA**	**NA**	**NA**	**14,050**	**NA**	**NA**	**8,666**	**NA**
2000								
January	NA	NA	NA	15,233	NA	NA	6,710	NA
February	NA	NA	NA	14,446	NA	NA	6,611	NA
March	NA	NA	NA	14,983	NA	NA	6,587	NA
April	NA	NA	NA	16,235	NA	NA	7,336	NA
May	NA	NA	NA	17,240	NA	NA	7,621	NA
June	NA	NA	NA	16,719	NA	NA	9,344	NA
July	NA	NA	NA	16,317	NA	NA	12,470	NA
August	NA	NA	NA	16,546	NA	NA	11,383	NA
September	NA	NA	NA	16,020	NA	NA	11,784	NA
October	NA	NA	NA	15,980	NA	NA	12,365	NA
November	NA	NA	NA	15,537	NA	NA	12,701	NA
December	NA	NA	NA	13,001	NA	NA	11,089	NA
2001								
January	NA	NA	NA	20,876	NA	NA	15,502	NA
February	NA	NA	NA	21,545	NA	NA	16,557	NA
March	NA	NA	NA	23,831	NA	NA	15,105	NA
April	NA	NA	NA	25,751	NA	NA	16,411	NA
May	NA	NA	NA	27,276	NA	NA	19,700	NA
June	NA	NA	NA	27,555	NA	NA	19,264	NA
July	NA	NA	NA	26,537	NA	NA	19,886	NA
August	NA	NA	NA	26,106	NA	NA	16,703	NA
September	NA	NA	NA	28,536	NA	NA	18,473	NA
October	NA	NA	NA	30,588	NA	NA	20,098	NA
November	NA	NA	NA	31,936	NA	NA	20,876	NA
December	NA	NA	NA	32,420	NA	NA	20,856	NA
2002								
January	NA	NA	NA	35,332	NA	NA	22,762	NA
February	NA	NA	NA	34,114	NA	NA	20,980	NA
March	NA	NA	NA	34,936	NA	NA	18,762	NA
April	NA	NA	NA	39,415	NA	NA	19,881	NA
May	NA	NA	NA	38,891	NA	NA	19,491	NA
June	NA	NA	NA	38,943	NA	NA	21,774	NA
July	NA	NA	NA	37,134	NA	NA	17,854	NA
August	NA	NA	NA	30,392	NA	NA	15,376	NA
September	NA	NA	NA	35,774	NA	NA	14,920	NA

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values are not available for nonutility plants prior to 1999. Data for 2000 - 2002 represent only stocks reported by facilities that are in the cutoff model sample. Data do not include estimates for facilities that are not required to report on Form EIA-906. • Totals may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 2000: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 73. Nonutility Stocks of Coal by Census Division

(Thousand Short Tons)

Census Division	September 2002	August 2002	September 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	344	911	741	-62.2	-53.5
Middle Atlantic	12,279	9,949	10,366	23.4	18.5
East North Central	5,062	5,483	4,903	-7.7	3.2
West North Central	204	132	177	55.1	15.3
South Atlantic	3,812	3,465	2,922	10.0	30.4
East South Central	2,010	1,932	814	4.0	146.8
West South Central	5,186	2,788	1,476	86.0	251.3
Mountain	5,444	5,509	5,651	-1.2	-3.7
Pacific Contiguous	1,338	146	1,316	817.7	1.6
Pacific Noncontiguous	96	78	169	22.6	-43.2
U.S. Total	**35,774**	**30,392**	**28,536**	**17.7**	**25.4**

Notes: • Data for 2001 and 2002 represent only stocks reported by facilities that are in the cutoff model sample. Data do not include estimates for facilities that are not required to report on Form EIA-906. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, subbituminous, bituminous, and anthracite coal. • Stocks are end-of-month stocks at nonutility facilities reporting on the EIA Form 906. • Due to restructuring of the electric power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons of current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 74. Nonutility Stocks of Petroleum by Census Division

(Thousand Barrels)

Census Division	September 2002	August 2002	September 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	2,044	2,825	4,082	-27.7	-49.9
Middle Atlantic	5,219	5,216	7,294	0.0	-28.5
East North Central	1,786	1,860	1,122	-4.0	59.1
West North Central	35	13	6	168.8	447.2
South Atlantic	3,696	3,373	4,136	9.6	-10.6
East South Central	124	68	40	80.8	205.9
West South Central	1,005	982	197	2.3	411.1
Mountain	92	18	15	409.7	501.3
Pacific Contiguous	837	940	1,510	-11.0	-44.6
Pacific Noncontiguous	83	79	70	5.4	18.8
U.S. Total	**14,920**	**15,376**	**18,473**	**-3.0**	**-19.2**

Notes: • Data for 2001 and 2002 represent only stocks reported by facilities that are in the cutoff model sample. Data do not include estimates for facilities that are not required to report on Form EIA-906. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • Stocks are end-of-the-month stocks at nonutility facilities reporting on the EIA Form 906. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Monthly Plant Aggregates: U.S. Electric Nonutility Net Generation and Fuel Consumption

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
A E Staley Manufacturing Co	**35,762**	**-**	**-**	**-**	**-**	**-**	**33**	**-**	**-**
Decatur Plant Cogen (IL)	35,762	-	-	-	-	-	33	-	-
Abitibi Consolidated Sale Corp	**21,882**	**632**	**3,382**	**-**	**-**	**-**	**23**	**2**	**63**
Abitibi Consolidated Snowflake Divi (AZ)	21,882	632	3,382	-	-	-	23	2	63
ACE Cogeneration Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
ACE Cogeneration Co (CA)	-	-	-	-	-	-	-	-	-
Adirondack Resource Recy Assoc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Adirondack Resource Recovery Facili (NY)	-	-	-	-	-	-	-	-	-
AE Connectiv	**-**	**6,868**	**9,358**	**-**	**-**	**-**	**-**	**29**	**143**
Carll Cornr (NJ)	-	-	3,349	-	-	-	-	-	55
Cedar STA. (NJ)	-	3,874	-	-	-	-	-	12	-
Cumberland (NJ)	-	1,976	2	-	-	-	-	10	*
Micketon ST (NJ)	-	-	617	-	-	-	-	-	16
Middle STA. (NJ)	-	717	-	-	-	-	-	6	-
Missouri Av. (NJ)	-	301	-	-	-	-	-	1	-
Sherman Ave (NJ)	-	-	5,390	-	-	-	-	-	73
Aera Energy LLC-Coalinga	**-**	**-**	**37,832**	**-**	**-**	**-**	**-**	**-**	**383**
South Belridge Cogen Facility (CA)	-	-	37,832	-	-	-	-	-	383
AES Cayuga LLC	**181,027**	**318**	**-**	**-**	**-**	**-**	**69**	**1**	**-**
AES Cayuga (NY)	181,027	318	-	-	-	-	69	1	-
AES Corp	**385,135**	**119,908**	**3,392**	**-**	**-**	**1,253**	**193**	**46**	**38**
AES BV Partners Beaver Valley (PA)	76,327	-	-	-	-	-	42	-	-
AES Deepwater Inc (TX)	-	116,423	-	-	-	-	-	45	-
AES Hawaii Inc (HI)	121,046	3,485	-	-	-	1,253	54	1	-
AES Placerita Inc (CA)	-	-	3,392	-	-	-	-	-	38
AES Shady Point Inc (OK)	187,762	-	-	-	-	-	97	-	-
AES Thames Inc (CT)	-	-	-	-	-	-	-	-	-
AES Greenridge LLC	**96,130**	**91**	**-**	**-**	**-**	**624**	**41**	*****	**-**
AES Greenidge (NY)	96,130	91	-	-	-	624	41	*	-
AES Somerset LLC	**464,216**	**634**	**-**	**-**	**-**	**-**	**166**	**1**	**-**
AES Somerset LLC (NY)	464,216	634	-	-	-	-	166	1	-
AES Southland LLC-Alamitos	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AES Alamitos LLC (CA)	-	-	-	-	-	-	-	-	-
AES Southland LLC-Huntington	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AES Huntington Beach LLC (CA)	-	-	-	-	-	-	-	-	-
AES Southland LLC-Redondo	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AES Redondo Beach LLC (CA)	-	-	-	-	-	-	-	-	-
AES Westover LLC	**81,538**	**-**	**-**	**-**	**-**	**-**	**36**	**-**	**-**
AES Westover (NY)	81,538	-	-	-	-	-	36	-	-
AES WR Ltd Partnership	**123,519**	**-**	**-**	**-**	**-**	**-**	**56**	**-**	**-**
AES Warrior Run Cogeneration Facili (MD)	123,519	-	-	-	-	-	56	-	-
Ag Energy LP	**-**	**-**	**16,884**	**-**	**-**	**-**	**-**	**-**	**138**
AG Energy LP (NY)	-	-	16,884	-	-	-	-	-	138
Ag Processing Inc	**4,117**	**-**	**-**	**-**	**-**	**31**	**8**	**-**	**-**
AG Processing Inc (IA)	4,117	-	-	-	-	31	8	-	-
Agrilectric Power Partners Ltd	**-**	**-**	**123**	**-**	**-**	**4,619**	**-**	**-**	**1**
Agrilectric Power Partners Ltd (LA)	-	-	123	-	-	4,619	-	-	1
Air Liquide America Corp	**-**	**-**	**217,944**	**-**	**-**	**-**	**-**	**-**	**2,953**
Bayou Cogeneration Plant (TX)	-	-	196,493	-	-	-	-	-	2,670
Pt Neches Plant (TX)	-	-	21,451	-	-	-	-	-	283

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Alabama Pine Pulp Co Inc	**-**	**543**	**-**	**-**	**-**	**39,640**	**-**	**3**	**-**
Alabama Pine Pulp Co Inc (AL)	-	543	-	-	-	39,640	-	3	-
Alabama River Pulp Co Inc	**-**	**226**	**-**	**-**	**-**	**32,668**	**-**	**1**	**-**
Alabama River Pulp Co (AL)	-	226	-	-	-	32,668	-	1	-
Albuquerque City of	**-**	**-**	**-**	**-**	**-**	**1,494**	**-**	**-**	**-**
Southside Water Reclamation Plant (NM)	-	-	-	-	-	1,494	-	-	-
Alcoa Inc	**185,831**	**-**	**-**	**-**	**-**	**-**	**163**	**-**	**-**
Sandow (TX)	185,831	-	-	-	-	-	163	-	-
Alcoa World Alumina LLC	**-**	**-**	**22,576**	**-**	**-**	**-**	**-**	**-**	**819**
Pt Comfort Operations (TX)	-	-	22,576	-	-	-	-	-	819
Aliso Water Management Agency	**-**	**-**	**123**	**-**	**-**	**216**	**-**	**-**	**1**
Aliso Water Management Agency (CA)	-	-	123	-	-	216	-	-	1
Allegheny Energy Unit 1&2 LLC	**3,258,864**	**4,473**	**44,186**	**1,583**	**-**	**-**	**1,287**	**7**	**475**
Allegheny Energy Unit 1&2 (PA)	-	-	12,743	-	-	-	-	-	133
Allegheny Energy Unit 8&9 (PA)	-	-	13,696	-	-	-	-	-	134
Armstrong (PA)	191,038	84	-	-	-	-	75	*	-
Fort Martin JO (WV)	601,816	3,473	-	-	-	-	224	6	-
Gleason Power (TN)	-	-	6,440	-	-	-	-	-	74
Harrison (WV)	810,153	-	845	-	-	-	328	-	8
Hatfield (PA)	790,839	313	-	-	-	-	302	1	-
Lake Lynn (WV)	-	-	-	1,583	-	-	-	-	-
Lincoln Energy Center (IL)	-	-	4,510	-	-	-	-	-	56
Mitchell (PA)	118,274	-	239	-	-	-	50	-	2
Pleasants (WV)	701,229	-	846	-	-	-	284	-	8
R Paul Smith (MD)	45,515	603	-	-	-	-	23	1	-
Wheatland Power Station (IN)	-	-	4,867	-	-	-	-	-	59
Alliant Energy Integ Ser-Cogen	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alliant SBD 9702 Cedar Graphics (IA)	-		-	-	-	-	-	-	-
Alliant SBG-9805 Rockford Products (IL)	-	-		-	-	-	-	-	-
Altamont-Midway Ltd	**-**	**-**	**-**	**-**	**-**	**1,404**	**-**	**-**	**-**
Altamont Midway Ltd (CA)	-	-	-	-	-	1,404	-	-	-
Amalgamated Sugar Co LLC	**-**	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**
Amalgamated Sugar Nyssa (OR)	-	-	-	-	-	-	5	-	-
AmerGen	**-**	**-**	**-**	**-**	**729,480**	**-**	**-**	**-**	**-**
Clinton (IL)	-	-	-	-	729,480	-	-	-	-
AmerGen Energy Co LLC	**-**	**-**	**-**	**-**	**595,565**	**-**	**-**	**-**	**-**
3 Mile Island (PA)	-	-	-	-	595,565	-	-	-	-
AmerGen Energy LLC	**-**	**-**	**-**	**-**	**426,571**	**-**	**-**	**-**	**-**
Oyster Creek (NJ)	-	-	-	-	426,571	-	-	-	-
American Atlas #1 Ltd	**-**	**-**	**6,729**	**-**	**-**	**-**	**-**	**-**	**72**
American Atlas 1 Cogeneration Plant (CO)	-	-	6,729	-	-	-	-	-	72
American Bituminous Power LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Grant Town Power Plant (WV)	-	-	-	-	-	-	-	-	-
American Crystal Sugar Co	**4,415**	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**
ACS Drayton (ND)	-	-	-	-	-	-	1	-	-
ACS Hillsboro (ND)	4,415	-	-	-	-	-	4	-	-
American Electric Power Co Inc	**664,850**	**698**	**467,807**	**3,362**	**-**	**-**	**374**	**1**	**5,044**
Abilene (TX)	-	-	-	-	-	-	-	-	-
Bates, J L (TX)	-	-	46,183	-	-	-	-	-	553
Coleto Creek (TX)	282,237	85	-	-	-	-	142	*	-
Davis, Barney M (TX)	-	-	102,682	-	-	-	-	-	1,097
Eagle, Pass (TX)	-	-	-	3,362	-	-	-	-	-
Fort Phantom (TX)	-	-	55,336	-	-	-	-	-	525
Ft Stockton (TX)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hill, Lon C (TX)	-	-	16,331	-	-	-	-	-	189
Joslin, E S (TX)	-	-	-	-	-	-	-	-	-
La Palma (TX)	-	-	89,612	-	-	-	-	-	953
Lake Pauline (TX)	-	-	-	-	-	-	-	-	-
Laredo (TX)	-	-	52,990	-	-	-	-	-	622
Nueces Bay (TX)	-	-	36,227	-	-	-	-	-	398
Oak Creek (TX)	-	-	1,162	-	-	-	-	-	13
Oklaunion (TX)	382,613	613	-	-	-	-	232	1	-
Paint Creek (TX)	-	-	-	-	-	-	-	-	-
Presidio (TX)	-	-	-	-	-	-	-	-	-
Rio Pecos (TX)	-	-	14,692	-	-	-	-	-	166
San Angelo (TX)	-	-	52,592	-	-	-	-	-	528
Vernon (TX)	-	-	-	-	-	-	-	-	-
Victoria (TX)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co	**-**	**138**	**-**	**-**	**-**	**302**	**-**	*****	**-**
American Ref Fuel Co of Hempstead (NY)	-	138	-	-	-	302	-	*	-
American Ref-Fuel Co of Essex	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Ref Fuel Co of Essex Count (NJ)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co of SE CT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Ref Fuel Co of SE CT (CT)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co-Niagara	**-**	**-**	**356**	**-**	**-**	**679**	**-**	**-**	**8**
American Ref Fuel Co of Niagara LP (NY)	-	-	356	-	-	679	-	-	8
Amoco Corp	**-**	**-**	**22,731**	**-**	**-**	**-**	**-**	**-**	**465**
Chocolate Bayou Works (TX)	-	-	22,731	-	-	-	-	-	465
Amoco Production Co	**-**	**-**	**24,402**	**-**	**-**	**-**	**-**	**-**	**332**
Anschutz Ranch East (WY)	-	-	24,402	-	-	-	-	-	332
Androscoggin Energy LLC	**-**	**-**	**69,639**	**-**	**-**	**-**	**-**	**-**	**990**
Androscoggin Cogeneration Center (ME)	-	-	69,639	-	-	-	-	-	990
Anheuser-Busch Inc	**7,453**	**-**	**6,793**	**-**	**-**	**1,534**	**11**	**-**	**129**
Anheuser Busch Inc Newark Brewery (NJ)	-	-	6,157	-	-	838	-	-	106
Anheuser Busch Inc St Louis Brewery (MO)	7,453	-	636	-	-	696	11	-	22
Applied Energy Inc	**-**	**-**	**27,573**	**-**	**-**	**-**	**-**	**-**	**334**
Naval Station Energy Facility (CA)	-	-	27,573	-	-	-	-	-	334
Archer Daniels Midland Co	**186,270**	**-**	**18,314**	**-**	**-**	**931**	**241**	**-**	**314**
Cedar Rapids (IA)	73,666	-	-	-	-	-	81	-	-
Decatur (IL)	103,019	-	-	-	-	931	141	-	-
Enderlin (ND)	-	-	-	-	-	-	-	-	-
Lincoln (NE)	2,641	-	-	-	-	-	5	-	-
Peoria (IL)	6,944	-	18,314	-	-	-	14	-	314
Southport (NC)	-	-	-	-	-	-	-	-	-
ARCO Products Co-Watson	**-**	**-**	**247,070**	**-**	**-**	**-**	**-**	**-**	**2,971**
Watson Cogeneration Co (CA)	-	-	247,070	-	-	-	-	-	2,971
ARCO Western Energy	**-**	**-**	**28,690**	**-**	**-**	**-**	**-**	**-**	**307**
Berry Placerita Cogen (CA)	-	-	28,690	-	-	-	-	-	307
Arthur Kill Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arthur Kill Generation Station (NY)	-	-	-	-	-	-	-	-	-
Astoria Gas Turbines Power LLC	**-**	**23**	**6,967**	**-**	**-**	**-**	**-**	*****	**98**
Astoria Gas (NY)	-	23	6,967	-	-	-	-	*	98
Athens Regional Medical Center	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Athens Regional Medical Center (GA)	-	-	-	-	-	-	-	-	-
Auburndale Power Partners LP	**-**	**-**	**98,202**	**-**	**-**	**-**	**-**	**-**	**825**
Auburndale Power Partners LP (FL)	-	-	98,202	-	-	-	-	-	825
Baconton Power LLC	**-**	**-**	**16,139**	**-**	**-**	**-**	**-**	**-**	**150**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Baconton Power (GA)	-	-	16,139	-	-	-	-	-	150
Badger Creek Ltd	**-**	**-**	**30,934**	**-**	**-**	**-**	**-**	**-**	**290**
Badger Creek Cogen (CA)	-	-	30,934	-	-	-	-	-	290
BAF Energy Inc	**-**	**-**	**85,650**	**-**	**-**	**-**	**-**	**-**	**698**
King City Power Plant (CA)	-	-	85,650	-	-	-	-	-	698
BASF Corp	**-**	**-**	**49,880**	**-**	**-**	**-**	**-**	**-**	**720**
Freeport (TX)	-	-		-	-	-	-	-	-
Geismar (LA)	-	-	49,880	-	-	-	-	-	720
Bassett Furniture Industl Inc	**-**	**-**	**-**	**-**	**-**	**193**	**-**	**-**	**-**
J D Bassett Manufacturing Co (VA)	-	-	-	-	-	193	-	-	-
Bear Mountain Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bear Mountain Cogen (CA)	-	-		-	-	-	-	-	-
Bethlehem Steel Corp	**-**	**410**	**133,918**	**-**	**-**	**-**	**-**	**1**	**18,709**
Burns Harbor Plant (IN)	-	-	82,777	-	-	-	-	-	7,619
Sparrows Point (MD)	-	410	51,141	-	-	-	-	1	11,090
Big Rivers Electric Corp	**915,457**	**1,587**	**-**	**-**	**-**	**-**	**422**	**4**	**-**
D B Wilson Station (KY)	293,359	-	-	-	-	-	137	-	-
Green Station (KY)	246,776	-	-	-	-	-	114	-	-
HMP&L Station Two (KY)	100,150	-	-	-	-	-	44	-	-
Kenneth C Coleman Station (KY)	242,895	-	-	-	-	-	114	-	-
Reid Station (KY)	32,277	1,587	-	-	-	-	14	4	-
Bio-Energy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bio Energy Corp (NH)	-	-	-	-	-	-	-	-	-
Bio-Energy Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CSL Gas Recovery (FL)	-	-	-	-	-	-	-	-	-
Biomass One LP	**-**	**-**	**-**	**-**	**-**	**15,760**	**-**	**-**	**-**
Biomass One LP (OR)	-	-	-	-	-	15,760	-	-	-
Birchwood Power Partners LP	**117,312**	**-**	**-**	**-**	**-**	**-**	**46**	**-**	**-**
SEI Birchwood Power Facility (VA)	117,312	-	-	-	-	-	46	-	-
Black River Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fort Drum H T W Cogeneration Facil (NY)	-	-	-	-	-	-	-	-	-
Blandin Paper Co	**1,333**	**-**	**2,204**	**-**	**-**	**6,606**	**2**	**-**	**64**
Blandin Energy Center (MN)	1,333	-	2,204	-	-	6,606	2	-	64
Blue Ridge Paper Products Inc	**12,799**	**168**	**-**	**-**	**-**	**13,979**	**32**	**2**	**-**
Canton North Carolina (NC)	12,799	168	-	-	-	13,979	32	2	-
Boise Cascade Corp	**-**	**11**	**8,805**	**-**	**-**	**11,929**	**-**	*	**583**
Boise Casade Pulp&Paper Mill Jackso (AL)	-	11	3,536	-	-	6,150	-	*	293
Boise Cascade International Falls (MN)	-	-	5,269	-	-	5,779	-	-	290
Boise Cascade Corp-DeRiddle	**-**	**-**	**9,887**	**-**	**-**	**29,413**	**-**	**-**	**328**
DeRidder Mill (LA)	-	-	9,887	-	-	29,413	-	-	328
Boise-Kuna Irrigation District	**-**	**-**	**-**	**22,795**	**-**	**-**	**-**	**-**	**-**
Lucky Peak Power Plant Project (ID)	-	-	-	22,795	-	-	-	-	-
Boralex Stratton Energy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Boralex Stratton Energy Inc (ME)	-	-	-	-	-		-	-	-
Borden Chemical Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Borden Chemicals Plastics (LA)	-	-	-	-	-	-	-	-	-
Borger Energy Associates LP	**-**	**-**	**137,710**	**-**	**-**	**-**	**-**	**-**	**1,900**
Black Hawk Station (TX)	-	-	137,710	-	-	-	-	-	1,900
Bowater Newsprint Calhoun	**7,914**	**-**	**1,429**	**-**	**-**	**35,527**	**10**	**-**	**45**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Bowater Newsprint Calhoun Operation (TN)	7,914	-	1,429	-	-	35,527	10	-	45
BP Amoco Alliance Refinery	**-**	**-**	**2,962**	**-**	**-**	**-**	**-**	**-**	**39**
Alliance Refinery (LA)	-	-	2,962	-	-	-	-	-	39
BP Amoco PLC	**-**	**-**	**148,617**	**-**	**-**	**-**	**-**	**-**	**2,818**
Power Station 3 (TX)	-	-	38,625	-	-	-	-	-	1,091
Power Station 4 (TX)	-	-	109,992	-	-	-	-	-	1,727
BP PLC	**-**	**50,373**	**-**	**-**	**-**	**-**	**-**	**1,337**	**-**
Whiting Refinery (IN)	-	50,373	-	-	-	-	-	1,337	-
Bridgeport Energy LLC	**-**	**-**	**299,445**	**-**	**-**	**-**	**-**	**-**	**2,087**
Bridgeport Energy (CT)	-	-	299,445	-	-	-	-	-	2,087
Bridgewater Power Co LP	**-**	**17**	**-**	**-**	**-**	**10,793**	**-**	*****	**-**
Bridgewater Power Co LP (NH)	-	17	-	-	-	10,793	-	*	-
Broad River Energy LLC	**-**	**-**	**18,420**	**-**	**-**	**-**	**-**	**-**	**196**
Broad River Energy Center (SC)	-	-	18,420	-	-	-	-	-	196
Brooklyn Navy Yard Cogen PLP	**-**	**-**	**168,956**	**-**	**-**	**-**	**-**	**-**	**1,549**
Brooklyn Navy Yard Cogeneration Par (NY)	-	-	168,956	-	-	-	-	-	1,549
Brownsville Power I LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Brownsville Peaking Power Plant (TN)	-	-		-	-	-	-	-	-
Caledonia Power Facility (MS)	-	-		-	-	-	-	-	-
Brush Cogeneration Partners	**-**	**-**	**23,231**	**-**	**-**	**-**	**-**	**-**	**223**
Brush Cogen Project Phase 2 BCP (CO)	-	-	23,231	-	-	-	-	-	223
Buckeye Florida Ltd Partners	**-**	**1,970**	**793**	**-**	**-**	**25,013**	**-**	**18**	**44**
Buckeye Florida LP (FL)	-	1,970	793	-	-	25,013	-	18	44
Bucksport Energy&Internt Paper	**-**	**-**	**114,551**	**-**	**-**	**-**	**-**	**-**	**1,116**
Champion Clean Energy (ME)	-	-	114,551	-	-	-	-	-	1,116
Burney Forest Products	**-**	**-**	**983**	**-**	**-**	**19,490**	**-**	**-**	**11**
Burney Forest Products (CA)	-	-	983	-	-	19,490	-	-	11
Burney Mountain Power	**-**	**-**	**-**	**-**	**-**	**7,719**	**-**	**-**	**-**
Burney Mountain Power (CA)	-	-	-	-	-	7,719	-	-	-
Cadillac Renewable Energy LLC	**-**	**-**	**-**	**-**	**-**	**17,464**	**-**	**-**	**-**
Cadillac Renewable Energy (MI)	-	-	-	-	-	17,464	-	-	-
Calasieu Power LLC	**-**	**-**	**336**	**-**	**-**	**-**	**-**	**-**	**3**
Calcasieu Power LLC (LA)	-	-	336	-	-	-	-	-	3
Calaveras County Water Dist	**-**	**-**	**-**	**17,508**	**-**	**-**	**-**	**-**	**-**
Collieville (CA)	-	-	-	17,508	-	-	-	-	-
Caledonia Power I LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Caledonia Power Facility (MS)	-	-		-	-	-	-	-	-
CalEnergy Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C R Wing Cogeneration Plant (TX)	-	-		-	-	-	-	-	-
Calpine Construction Fin Co LP	**-**	**-**	**357,763**	**-**	**-**	**-**	**-**	**-**	**2,459**
Westbrook Energy Center (ME)	-	-	357,763	-	-	-	-	-	2,459
Calpine Corp	**-**	**-**	**-**	**-**	**-**	**53**	**-**	**-**	**-**
PWD Northwest Facility (PA)	-	-	-	-	-	53	-	-	-
PWD Southwest Facility (CA)	-	-	-	-	-	-	-	-	-
Calpine Corp-Magic Valley	**-**	**-**	**71,076**	**-**	**-**	**-**	**-**	**-**	**1,207**
Greenleaf Unit One (CA)	-	-	35,699	-	-	-	-	-	314
Greenleaf Unit Two (CA)	-	-	35,377	-	-	-	-	-	893
Calpine Corp-Texas City	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Texas City Cogeneration LP (TX)	-	-		-	-	-	-	-	-
Calpine Eastern Corp	**-**	**7**	**56,205**	**-**	**-**	**-**	**-**	*****	**506**
TBG Cogen (NY)	-	7	56,205	-	-	-	-	*	506
Calpine Geysers Co LP	**-**	**-**	**-**	**-**	**-**	**31,372**	**-**	**-**	**-**
Bear Canyon Power Plant (CA)	-	-	-	-	-	11,961	-	-	-
West Ford Flat Power Plant (CA)	-	-	-	-	-	19,411	-	-	-
Calpine Geysers-Sonoma Power	**-**	**-**	**-**	**-**	**-**	**483,082**	**-**	**-**	**-**
Aidlin Geothermal Power Plant (CA)	-	-	-	-	-	11,622	-	-	-
Calistoga Power Plant (CA)	-	-	-	-	-	48,753	-	-	-
Calpine Geysers-Sonoma Power Plant (CA)	-	-	-	-	-	23,667	-	-	-
Geysers Unit 5-20 (CA)	-	-	-	-	-	399,040	-	-	-
Calpine Gilroy Cogen LP	**-**	**-**	**78,928**	**-**	**-**	**-**	**-**	**-**	**663**
Calpine Gilroy Cogen LP (CA)	-	-	78,928	-	-	-	-	-	663
Calpine Parlin Inc	**-**	**-**	**1,670**	**-**	**-**	**-**	**-**	**-**	**16**
Calpine Parlin Inc (NJ)	-	-	1,670	-	-	-	-	-	16
Calpine Pittsburg LLC	**-**	**-**	**32,544**	**-**	**-**	**-**	**-**	**-**	**511**
Calpine Pittsburg LLC (CA)	-	-	32,544	-	-	-	-	-	511
CalWind Resources Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Tehachapi Wind Resource II (CA)	-	-	-	-	-		-	-	-
Cambria Cogen Co	**62,727**	**-**	**-**	**-**	**-**	**-**	**52**	**-**	**-**
Cambria CoGen (PA)	62,727	-	-	-	-	-	52	-	-
Camden Cogen LP	**-**	**-**	**21,800**	**-**	**-**	**-**	**-**	**-**	**188**
Camden Cogen LP (NJ)	-	-	21,800	-	-	-	-	-	188
Camden County Engy Recvy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Camden Resource Recovery Facility (NJ)	-	-	-	-	-	-	-	-	-
Capital District Energy Center	**-**	**-**	**24,779**	**-**	**-**	**-**	**-**	**-**	**242**
Capital District Energy Center Coge (CT)	-	-	24,779	-	-	-	-	-	242
Cardinal Cogen	**-**	**-**	**33,148**	**-**	**-**	**-**	**-**	**-**	**346**
Cardinal Cogen (CA)	-	-	33,148	-	-	-	-	-	346
Cargill Fertilizer Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cargill Fertilizer Inc (FL)	-	-	-	-	-	-	-	-	-
Cargill Fertilizer Inc Bartow (FL)	-	-	-	-	-	-	-	-	-
Carr Street Generating Stat LP	**-**	**-**	**13,195**	**-**	**-**	**-**	**-**	**-**	**111**
Carr Street Generating Station (NY)	-	-	13,195	-	-	-	-	-	111
Carson Cogeneration Co	**-**	**-**	**29,494**	**-**	**-**	**-**	**-**	**-**	**260**
Carson Cogeneration Co (CA)	-	-	29,494	-	-	-	-	-	260
Carthage Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Carthage Energy LLC (NY)	-	-	-	-	-	-	-	-	-
Casco Bay Energy Co LLC	**-**	**-**	**325,221**	**-**	**-**	**-**	**-**	**-**	**2,114**
Maine Independence Station (ME)	-	-	325,221	-	-	-	-	-	2,114
CE Puna Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**3,619**	**-**	**-**	**-**
Puna Geothermal Venture I (HI)	-	-	-	-	-	3,619	-	-	-
Cedar Bay Cogeneration Co LP	**174,402**	**38**	**-**	**-**	**-**	**-**	**90**	*****	**-**
Cedar Bay Generating Co LP (FL)	174,402	38	-	-	-	-	90	*	-
Celanese Engineering Resin Inc	**-**	**-**	**20,648**	**-**	**-**	**-**	**-**	**-**	**271**
Celanese Engineering Resin Inc (TX)	-	-	20,648	-	-	-	-	-	271
Central & South West Engy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Newgulf Cogen Plant (TX)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Central Power & Lime Inc	**81,946**	**-**	**-**	**-**	**-**	**-**	**36**	**-**	**-**
Central Power&Lime Inc (FL)	81,946	-	-	-	-	-	36	-	-
Central Wayne Energy Recvy LP	**-**	**-**	**525**	**-**	**-**	**-**	**-**	**-**	**24**
Central Wayne Air Quality Energy Re (MI)	-	-	525	-	-	-	-	-	24
CF Industries Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CFI Plant City Phosphate Complex (FL)	-	-	-	-	-	-	-	-	-
CH Resources Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CH Resources Inc Beaver Falls (NY)	-	-	-	-	-	-	-	-	-
Chalk Cliff Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chalk Cliff Cogen (CA)	-	-		-	-	-	-	-	-
Chambers Cogeneration LP	**148,186**	**313**	**-**	**-**	**-**	**-**	**63**	**1**	**-**
Chambers Cogeneration LP (NJ)	148,186	313	-	-	-	-	63	1	-
Champion International Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bucksport Maine (ME)	-	-	-	-	-	-	-	-	-
Courtland Mill (AL)	-	-	-	-	-	-	-	-	-
Pensacola Florida (FL)	-	-	-	-	-	-	-	-	-
Quinnesec Michigan (MI)	-	-	-	-	-	-	-	-	-
Roanoke Rapids North Carolina (NC)	-	-	-	-	-	-	-	-	-
Sartell Mill (MN)	-	-	-	-	-	-	-	-	-
Cherokee County Cogen PLP	**-**	**-**	**38,771**	**-**	**-**	**-**	**-**	**-**	**303**
Cherokee County Cogeneration Partne (SC)	-	-	38,771	-	-	-	-	-	303
Chevron Refinery	**-**	**4,038**	**1,574**	**-**	**-**	**-**	**-**	**8**	**47**
Chevron Products Co (HI)	-	4,038	1,574	-	-	-	-	8	47
Chevron USA Inc	**-**	**-**	**83,944**	**-**	**-**	**-**	**-**	**-**	**1,192**
1 Power Plant Richmond CA (CA)	-	-	10,581	-	-	-	-	-	338
Richmond Cogeneration Project (CA)	-	-	73,363	-	-	-	-	-	854
Chevron USA Inc-El Segundo	**-**	**-**	**88,020**	**-**	**-**	**-**	**-**	**-**	**957**
El Segundo Refinery (CA)	-	-	88,020	-	-	-	-	-	957
Chevron USA Inc-Kern	**-**	**-**	**29,557**	**-**	**-**	**-**	**-**	**-**	**319**
Kern River Eastridge (CA)	-	-	29,557	-	-	-	-	-	319
CHI Energy Inc-Theresa	**-**	**-**	**-**	**187**	**-**	**-**	**-**	**-**	**-**
Diamond Island Plant (NY)	-	-	-	187	-	-	-	-	-
CII Carbon LLC	**-**	**9,303**	**1,029**	**-**	**-**	**-**	**-**	**5**	**17**
CII Carbon LLC (LA)	-	9,303	1,029	-	-	-	-	5	17
CITGO Petroleum Corp	**-**	**-**	**25,830**	**-**	**-**	**-**	**-**	**-**	**1,101**
CITGO Refinery Powerhouse (LA)	-	-	25,830	-	-	-	-	-	1,101
Citrus World Inc	**-**	**-**	**5,549**	**-**	**-**	**-**	**-**	**-**	**70**
Citrus World Inc (FL)	-	-	5,549	-	-	-	-	-	70
Clear Lake Cogeneration LP	**-**	**-**	**208,506**	**-**	**-**	**-**	**-**	**-**	**1,995**
Clear Lake Cogeneration Ltd (TX)	-	-	208,506	-	-	-	-	-	1,995
CLECO Evangeline LLC	**-**	**-**	**324,606**	**-**	**-**	**-**	**-**	**-**	**2,423**
Evangeline (LA)	-	-	324,606	-	-	-	-	-	2,423
Cleveland Cliffs Inc	**31,746**	**4**	**445**	**-**	**-**	**-**	**24**	*****	**8**
Silver Bay Power Co (MN)	31,746	4	445	-	-	-	24	*	8
CMS Generation Co	**-**	**-**	**2,401**	**-**	**-**	**-**	**-**	**-**	**20**
Lakewood Cogeneration LP (NJ)	-	-	2,401	-	-	-	-	-	20
CMS Generation MI Power LLC	**-**	**-**	**961**	**-**	**-**	**-**	**-**	**-**	**15**
Kalamazoo River Generating Station (MI)	-	-	-	-	-	-	-	-	-
Livingston Generating Station (MI)	-	-	961	-	-	-	-	-	15

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Coastal Refining&Marketing Inc	**-**	**-**	**24,868**	**-**	**-**	**-**	**-**	**-**	**429**
Corpus Christi Refinery (TX)	-	-	24,868	-	-	-	-	-	429
Cobisa-Person Ltd Partnership	**-**	**60**	**4,163**	**-**	**-**	**-**	**-**	*	**49**
Cobisa Person LP (NM)	-	60	4,163	-	-	-	-	*	49
Cogen Energy Technology LP	**-**	**-**	**33,483**	**-**	**-**	**-**	**-**	**-**	**301**
Fort Orange Facility TransCanada Po (NY)	-	-	33,483	-	-	-	-	-	301
CoGen Funding LP	**-**	**-**	**293,202**	**-**	**-**	**-**	**-**	**-**	**3,188**
CoGen Lyondell Inc (TX)	-	-	293,202	-	-	-	-	-	3,188
Co-Gen II	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Co Gen II LLC (OR)	-	-	-	-	-		-	-	-
Cogen Technologies Linden Vent	**-**	**27**	**444,792**	**-**	**-**	**-**	**-**	*	**4,352**
Linden Cogen Plant (NJ)	-	27	444,792	-	-	-	-	*	4,352
Cogen Technologies NJ Venture	**-**	**-**	**119,745**	**-**	**-**	**-**	**-**	**-**	**986**
Bayonne Cogen Plant (NJ)	-	-	119,745	-	-	-	-	-	986
CogenAmerica Morris LLC	**-**	**-**	**50,133**	**-**	**-**	**-**	**-**	**-**	**594**
CogenAmerica Morris LLC (IL)	-	-	50,133	-	-	-	-	-	594
Co-Generation Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Co Gen LLC (OR)	-	-	-	-	-		-	-	-
Cogentrix of N Carolina Inc	**285,160**	**-**	**-**	**-**	**-**	**-**	**158**	**-**	**-**
Cogentrix Hopewell (VA)	42,206	-	-	-	-	-	26	-	-
Cogentrix of Richmond Inc (VA)	106,400	-	-	-	-	-	58	-	-
Cogentrix Portsmouth (VA)	16,210	-	-	-	-	-	12	-	-
Cogentrix Roxboro (NC)	18,310	-	-	-	-	-	9	-	-
Cogentrix Southport (NC)	31,594	-	-	-	-	-	21	-	-
Dwayne Collier Battle Cogeneration (NC)	70,440	-	-	-	-	-	33	-	-
Cokenergy Inc	**-**	**-**	**49,553**	**-**	**-**	**-**	**-**	**-**	**-**
Heat Recovery Coke Facility (IN)	-	-	49,553	-	-	-	-	-	-
Collins Pine Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Collins Pine Co Project (CA)	-	-	-	-	-		-	-	-
Colmac Energy Inc	**-**	**3,279**	**153**	**-**	**-**	**28,773**	**-**	**1**	**2**
Mecca Plant (CA)	-	3,279	153	-	-	28,773	-	1	2
Colorado Energy Management LLC	**-**	**-**	**8,933**	**-**	**-**	**-**	**-**	**-**	**97**
Brush IV (CO)	-	-	8,933	-	-	-	-	-	97
Colorado Power Partners	**-**	**-**	**11,539**	**-**	**-**	**-**	**-**	**-**	**124**
Brush Power Project Phase 1 CPP (CO)	-	-	11,539	-	-	-	-	-	124
Colstrip Energy Ltd Partnershp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Colstrip Energy LP (MT)	-	-	-	-	-	-	-	-	-
Commonwealth Atlantic LP	**-**	**-**	**15,165**	**-**	**-**	**-**	**-**	**-**	**188**
Commonwealth Atlantic LP (VA)	-	-	15,165	-	-	-	-	-	188
Commonwealth Chesapeake Co LLC	**-**	**6,577**	**-**	**-**	**-**	**-**	**-**	**11**	**-**
Commonwealth Chesapeake Power Stati	-	6,577	-	-	-	-	-	11	-
Conectiv Energy Supply Inc	**103,386**	**41,553**	**169,912**	**-**	**-**	**-**	**44**	**68**	**1,920**
Christiana (DE)	-	-7	-	-	-	-	-	-	-
Cumberland (NJ)	-	1,976	2	-	-	-	-	-	-
Edge Moor (DE)	103,386	39,538	23,848	-	-	-	44	68	209
Hay Road (DE)	-	46	146,062	-	-	-	-	*	1,712
Connecticut Resource Recv Auth	**189**	**-**	**-**	**-**	**-**	**-**	*	**-**	**-**
Mid Connecticut Facility (CT)	189	-	-	-	-	-	*	-	-
Conoco Inc & BP Amoco	**-**	**-**	**5,471**	**-**	**-**	**-**	**-**	**-**	**771**
Ponca City Refinery (OK)	-	-	5,471	-	-	-	-	-	771

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Consolidated Edison E MA Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Doreen (MA)	-		-	-	-	-	-	-	-
Dwight (MA)	-	-	-		-	-	-	-	-
Gardners Falls (MA)	-	-	-		-	-	-	-	-
Indian Orchard (MA)	-	-	-		-	-	-	-	-
Putts Bridge (MA)	-	-	-		-	-	-	-	-
Redbridge (MA)	-	-	-		-	-	-	-	-
West Springfield (MA)	-	-	-	-	-	-	-	-	-
Woodland Road (MA)	-		-	-	-	-	-	-	-
Consolidated Papers Inc	**21,071**	**-**	**11,623**	**5,270**	**-**	**23,276**	**29**	**-**	**353**
Biron Division (WI)	9,543	-	2,566	-	-	1,567	10	-	58
Inter Lake Division (WI)	2,078	-	7,638	398	-	-	3	-	245
Kraft Division (WI)	5,516	-	1,419	-	-	20,764	11	-	50
Niagara Division (WI)	3,934	-	-	4,872	-	945	6	-	-
Constellation Power Source Gen	**1,081,395**	**66,307**	**14,456**	**-**	**2,455,020**	**-**	**454**	**161**	**161**
Bran Shores (MD)	650,092	2,789	-	-	-	-	280	5	-
C P Crane (MD)	179,451	22	-	-	-	-	72	*	-
Calvert CLF (MD)	-	-	-	-	1,211,273	-	-	-	-
Gould ST. (MD)	-	12,700	299	-	-	-	-	24	3
H A Wagner (MD)	251,852	49,119	2,469	-	-	-	102	80	24
Nine Mile Point (NY)	-	-	-	-	1,243,747	-	-	-	-
Notch Cliff (MD)	-	-	259	-	-	-	-	-	3
Perryman (MD)	-	1,588	9,726	-	-	-	-	6	107
Phila RD. (MD)	-	89	-	-	-	-	-	46	-
Riverside (MD)	-	-	1,703	-	-	-	-	-	23
Westport (MD)	-	-	-	-	-	-	-	-	-
Continental Energy Associates	**-**	**266**	**15,702**	**-**	**-**	**-**	**-**	**26**	**162**
Continental Energy Associates (PA)	-	266	53	-	-	-	-	26	*
Worthington Generation LLC (IN)	-	-	15,649	-	-	-	-	-	161
Corn Products Internat'l Inc	**26,001**	**-**	**3,295**	**-**	**-**	**-**	**29**	**-**	**50**
Corn Products Illinois (IL)	26,001	-	3,295	-	-	-	29	-	50
Corona Energy Partners Ltd	**-**	**-**	**29,685**	**-**	**-**	**-**	**-**	**-**	**301**
Corona Cogen (CA)	-	-	29,685	-	-	-	-	-	301
Coso Energy Developers	**-**	**-**	**-**	**-**	**-**	**124,418**	**-**	**-**	**-**
Coso Energy Developers (CA)	-	-	-	-	-	61,089	-	-	-
Coso Power Developers (CA)	-	-	-	-	-	63,329	-	-	-
Coso Finance Partners	**-**	**-**	**-**	**-**	**-**	**66,057**	**-**	**-**	**-**
Coso Finance Partners (CA)	-	-	-	-	-	66,057	-	-	-
County Sanitation-Orange Cnty	**-**	**-**	**2,800**	**-**	**-**	**6,468**	**-**	**-**	**29**
Plant No 1 (CA)	-	-	1,946	-	-	3,698	-	-	27
Plant No 2 (CA)	-	-	854	-	-	2,770	-	-	2
Craven County Wood Energy LP	**-**	**-**	**-**	**-**	**-**	**30,007**	**-**	**-**	**-**
Craven County Wood Energy LP (NC)	-	-	-	-	-	30,007	-	-	-
Crockett Cogeneration	**-**	**-**	**125,373**	**-**	**-**	**-**	**-**	**-**	**1,151**
Crockett Cogeneration Project (CA)	-	-	125,373	-	-	-	-	-	1,151
Crown Paper Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Berlin Gorham (NH)	-	-	-	-	-	-	-	-	-
CT Jet Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cos Cob (CT)	-	-	-	-	-	-	-	-	-
Daggett Leasing Corp et al	**-**	**-**	**4**	**-**	**-**	**5,396**	**-**	**-**	*
SEGS II (CA)	-	-	4	-	-	5,396	-	-	*
Dartmouth Power Associates LP	**-**	**5**	**36,288**	**-**	**-**	**-**	**-**	*	**302**
Dartmouth Power Associates (MA)	-	5	36,288	-	-	-	-	*	302
Davenport City of	**-**	**-**	**202**	**-**	**-**	**215**	**-**	**-**	**2**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Davenport Water Pollution Control P (IA)	-	-	202	-	-	215	-	-	2
Davis CSWM & Energy RSSD	**-**	**64**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
Wasatch Energy Systems (UT)	-	64	-	-	-	-	-	1	-
De Pere Energy LLC	**-**	**-**	**15,883**	**-**	**-**	**-**	**-**	**-**	**192**
De Pere Energy Center (WI)	-	-	15,883	-	-	-	-	-	192
Deanborn Industrial Gen Inc	**-**	**-**	**164,920**	**-**	**-**	**-**	**-**	**-**	**883**
Dearborn Industrial Generation (MI)	-	-	164,920	-	-	-	-	-	883
Del Ranch Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**26,678**	**-**	**-**	**-**
A W Hoch (CA)	-	-	-	-	-	26,678	-	-	-
Delano Energy Co Inc	**-**	**-**	**-**	**-**	**-**	**26,782**	**-**	**-**	**-**
Delano Energy Co Inc (CA)	-	-	-	-	-	26,782	-	-	-
Denver City Energy Assoc LP	**-**	**-**	**234,619**	**-**	**-**	**-**	**-**	**-**	**1,787**
Mustang Station (TX)	-	-	234,619	-	-	-	-	-	1,787
Des Moines Metro WRF	**-**	**-**	**258**	**-**	**-**	**557**	**-**	**-**	**70**
Des Moines Metro WRA Wastewater Rec	-	-	258	-	-	557	-	-	70
Devon Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
NRG Devon Station (CT)	-	-	-	-	-	-	-	-	-
Dexter Corp	**-**	**-**	**31,713**	**-**	**-**	**-**	**-**	**-**	**316**
Dexter Cogeneration Facility (CT)	-	-	31,713	-	-	-	-	-	316
DFO Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
H Power (HI)	-	-	-	-	-	-	-	-	-
Difwind Farms Ltd V	**-**	**-**	**-**	**-**	**-**	**1,833**	**-**	**-**	**-**
Difwind Farms Ltd V (CA)	-	-	-	-	-	1,833	-	-	-
Difwind Farms Ltd VI	**-**	**-**	**-**	**-**	**-**	**4,243**	**-**	**-**	**-**
Difwind Farms Ltd VI (CA)	-	-	-	-	-	4,243	-	-	-
Difwind Farms Ltd VII	**-**	**-**	**-**	**-**	**-**	**4,459**	**-**	**-**	**-**
Difwind Farms Ltd VII (CA)	-	-	-	-	-	4,459	-	-	-
Difwind Farms Ltd VIII	**-**	**-**	**-**	**-**	**-**	**1,565**	**-**	**-**	**-**
Difwind Farms Ltd VIII (CA)	-	-	-	-	-	1,565	-	-	-
Dighton Power Associates LP	**-**	**-**	**106,211**	**-**	**-**	**-**	**-**	**-**	**814**
Dighton Power Associates (MA)	-	-	106,211	-	-	-	-	-	814
Dominion Energy	**-**	**-**	**40,620**	**-**	**-**	**-**	**-**	**-**	**441**
Elwood Energy LLC (IL)	-	-	40,620	-	-	-	-	-	441
Dominion Kincaid Inc	**510,436**	**-**	**294**	**-**	**-**	**-**	**303**	**-**	**3**
Kincaid Generation LLC (IL)	510,436	-	294	-	-	-	303	-	3
Dominion Nuclear Conn Inc	**-**	**-**	**-**	**-**	**750,180**	**-**	**-**	**-**	**-**
Millstone (CT)	-	-	-	-	750,180	-	-	-	-
Domino Sugar Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domino Sugar Corp - Baltimore Plant (MD)	-	-	-	-	-	-	-	-	-
Domtar Corp	**6,960**	**4,224**	**897**	**7,961**	**-**	**29,053**	**6**	**30**	**46**
Ashdown (AR)	-	-	-	-	-	-	-	-	-
Nekoosa Mill (WI)	6,960	-	500	2,489	-	5,843	6	-	9
Port Edwards Mill (WI)	-	1,770	397	1,459	-	565	-	17	37
Woodland Pulp Paper (ME)	-	2,454	-	4,013	-	22,645	-	13	-
Donohue Inc	**-**	**-**	**5,348**	**-**	**-**	**5,438**	**-**	**-**	**207**
Lufkin Texas (TX)	-	-	5,348	-	-	5,438	-	-	207
Donohue Industries Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**263**
Sheldon Texas (TX)	-	-	-	-	-	-	-	-	263

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Doswell Ltd Partnership	**-**	**-**	**169,362**	**-**	**-**	**-**	**-**	**-**	**1,445**
Doswell Combined Cycle Facility (VA)	-	-	169,362	-	-	-	-	-	1,445
Double 'C' Ltd	**-**	**-**	**32,603**	**-**	**-**	**-**	**-**	**-**	**342**
Double C (CA)	-	-	32,603	-	-	-	-	-	342
Dow Chemical Co	**-**	**-**	**466,621**	**-**	**-**	**-**	**-**	**-**	**5,279**
CA II (Chlor Alkali II) (LA)	-	-		-	-	-	-	-	-
Power and Utilities (LA)	-	-	-	-	-	-	-	-	-
The Dow Chemical Co Texas Operation	-	-	466,621	-	-	-	-	-	5,279
DPL Energy Inc(Tait)	**-**	**-**	**14,994**	**-**	**-**	**-**	**-**	**-**	**157**
Greenville Electric Generating Stat (OH)	-	-	14,994	-	-	-	-	-	157
Duke Energy Hinds LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
New Albany Power Facility (MS)	-	-		-	-	-	-	-	-
Duke Energy Morro Bay LLC	**-**	**-**	**36,505**	**-**	**-**	**-**	**-**	**-**	**399**
Duke Energy Morro Bay LLC (CA)	-	-	36,505	-	-	-	-	-	399
Duke Energy Moss Landing LLC	**-**	**-**	**823,238**	**-**	**-**	**-**	**-**	**-**	**6,926**
Duke Energy Moss Landing LLC (CA)	-	-	823,238	-	-	-	-	-	6,926
Duke Energy Oakland LLC	**-**	**2,214**	**-**	**-**	**-**	**-**	**-**	**6**	**-**
Duke Energy Oakland LLC (CA)	-	2,214	-	-	-	-	-	6	-
Duke Energy South Bay LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Duke Energy South Bay LLC (CA)	-	-	-	-	-	-	-	-	-
DuPage County	**-**	**40**	**142**	**-**	**-**	**49**	**-**	*****	**2**
DuPage County Region 9 West Wastewa	-	40	142	-	-	49	-	*	2
Dynegy Inc	**231,433**	**87,346**	**272,257**	**-**	**-**	**-**	**88**	**148**	**3,013**
Danskammer (NY)	231,433	218	8,278	-	-	-	88	*	77
Division (CA)	-	78	-	-	-	-	-	*	-
El Cajon (CA)	-	-	77	-	-	-	-	-	1
Encina (CA)	-	1,549	239,560	-	-	-	-	3	2,672
Kearny (CA)	-	-	820	-	-	-	-	-	14
Miramar (CA)	-	-	216	-	-	-	-	-	4
Naval Station (CA)	-	-	170	-	-	-	-	-	3
Naval Training Center (CA)	-	-	110	-	-	-	-	-	2
North Island (CA)	-	123	80	-	-	-	-	*	1
Roseton (NY)	-	85,378	22,946	-	-	-	-	144	238
Dynegy Midwest Generation	**1,860,984**	**6,830**	**22,708**	**-**	**-**	**5,635**	**1,084**	**13**	**236**
Baldwin Energy Complex (IL)	1,107,607	640	-	-	-	5,635	661	2	-
Havana (IL)	237,588	6,190	-	-	-	-	110	11	-
Hennepin Power Station (IL)	167,206	-	144	-	-	-	106	-	2
Oglesby (IL)	-	-	26	-	-	-	-	-	*
Stallings (IL)	-	-	-	-	-	-	-	-	-
Tilton (IL)	-	-	20,412	-	-	-	-	-	203
Vermilion Power Station (IL)	87,809	-	477	-	-	-	46	-	6
Wood River (IL)	260,774	-	1,649	-	-	-	161	-	25
E I DuPont De Nemours & Co	**2,460**	**51**	**57,707**	**-**	**-**	**-**	**4**	*****	**1,285**
Sabine River Works (TX)	-	-	8,605	-	-	-	-	-	697
Victoria Texas Plant (TX)	-	-	49,081	-	-	-	-	-	587
Waynesboro Virginia Plant (VA)	2,460	51	21	-	-	-	4	*	1
Eagle Point Cogen Partnership	**-**	**-**	**13,716**	**-**	**-**	**-**	**-**	**-**	**132**
Eagle Point Cogeneration (NJ)	-	-	13,716	-	-	-	-	-	132
Eastern Conn Res Recvy Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Riley Energy Sys of Lisbon Wheelabr (CT)	-	-	-	-	-	-	-	-	-
Eastman Kodak Co	**47,563**	**3,129**	**4,035**	**-**	**-**	**-**	**52**	**13**	**107**
Kodak Park Site (NY)	47,563	3,129	4,035	-	-	-	52	13	107
Ebensburg Power Co	**35,266**	**-**	**-**	**-**	**-**	**-**	**40**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ebensburg Power Co (PA)	35,266	-	-	-	-	-	40	-	-
Edgan Wray Love Trust	**-**	**-**	**-**	**-**	**-**	**6,315**	**-**	**-**	**-**
Lakota Ridge (MN)	-	-	-	-	-	2,720	-	-	-
Shalokatan Hills (MN)	-	-	-	-	-	3,595	-	-	-
EF Oxnard Inc	**-**	**-**	**32,653**	**-**	**-**	**-**	**-**	**-**	**290**
E F Oxnard Oxnard Energy Facility (CA)	-	-	32,653	-	-	-	-	-	290
El Dorado Energy LLC	**-**	**-**	**311,791**	**-**	**-**	**-**	**-**	**-**	**2,225**
El Dorado Energy (NV)	-	-	311,791	-	-	-	-	-	2,225
El Segundo Power LLC	**-**	**-**	**229,878**	**-**	**-**	**-**	**-**	**-**	**2,349**
El Segundo Power (CA)	-	-	229,878	-	-	-	-	-	2,349
Elkem Metals Co	**26,270**	**-**	**-**	**15,489**	**-**	**-**	**13**	**-**	**-**
Alloy Steam Station (WV)	26,270	-	-	-	-	-	13	-	-
Hawks Nest Hydro (WV)	-	-	-	15,489	-	-	-	-	-
Elmore Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**29,879**	**-**	**-**	**-**
J J Elmore (CA)	-	-	-	-	-	29,879	-	-	-
EME Homer City Generation LP	**1,172,042**	**-**	**-**	**-**	**-**	**-**	**462**	**-**	**-**
Homer City Station (PA)	1,172,042	-	-	-	-	-	462	-	-
Empire Energy LLC	**-**	**-**	**-**	**-**	**-**	**1,384**	**-**	**-**	**-**
Empire Facility (NV)	-	-	-	-	-	1,384	-	-	-
Encina Joint Powers Authority	**-**	**-**	**341**	**-**	**-**	**272**	**-**	**-**	**4**
Encina Water Pollution Control (CA)	-	-	341	-	-	272	-	-	4
Enron Wind	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Green Power I (CA)	-	-	-	-	-		-	-	-
Entergy Nuclear Oper-Fitz	**-**	**-**	**-**	**-**	**577,833**	**-**	**-**	**-**	**-**
Fitzpatrick (NY)	-	-	-	-	577,833	-	-	-	-
Entergy Nuclear Oper-Indian	**-**	**-**	**-**	**-**	**1,340,343**	**-**	**-**	**-**	**-**
Indian Pt 2 (NY)	-	-	-	-	635,165	-	-	-	-
Indian Pt 3 (NY)	-	-	-	-	705,178	-	-	-	-
Entergy Nuclear Vermont Yankee	**-**	**-**	**-**	**-**	**349,961**	**-**	**-**	**-**	**-**
Vermont Yankee (VT)	-	-	-	-	349,961	-	-	-	-
Equilon Enterprises LLC	**-**	**-**	**43,452**	**-**	**-**	**-**	**-**	**-**	**442**
Equilon Los Angeles Refining Co (CA)	-	-	43,452	-	-	-	-	-	442
Equistar Chemicals LP	**-**	**-**	**22,812**	**-**	**-**	**-**	**-**	**-**	**356**
Corpus Christi Plant (TX)	-	-	22,812	-	-	-	-	-	356
Erie Coke Corp	**84**	**-**	**791**	**-**	**-**	**-**	*	**-**	**92**
Erie Coke Corp (PA)	84	-	791	-	-	-	*	-	92
ESI Mojave LLC	**-**	**-**	**-**	**-**	**-**	**15,324**	**-**	**-**	**-**
Delaware Mountain Windfarm (TX)	-	-	-	-	-	2,957	-	-	-
Mojave 16 (CA)	-	-	-	-	-	4,326	-	-	-
Mojave 17 (CA)	-	-	-	-	-	2,691	-	-	-
Mojave 18 (CA)	-	-	-	-	-	5,350	-	-	-
ESI Vansycle Partners LP	**-**	**-**	**-**	**-**	**-**	**4,858**	**-**	**-**	**-**
Vansycle Ridge (OR)	-	-	-	-	-	4,858	-	-	-
EUI Management PH Inc	**-**	**-**	**-**	**-**	**-**	**4,457**	**-**	**-**	**-**
EUIPH Wind Farm (CA)	-	-	-	-	-	4,457	-	-	-
Exelon Generation Co LLC	**317,163**	**60,408**	**402,724**	**6,230**	**9,518,801**	**-**	**147**	**120**	**4,997**
Braidwood (IL)	-	-	-	-	1,720,900	-	-	-	-
Byron (IL)	-	-	-	-	1,296,911	-	-	-	-
Chester (PA)	-	11	-	-	-	-	-	*	-
Conowingo (MD)	-	-	-	18,988	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Cromby (PA)	62,265	14,907	8,066	-	-	-	28	27	89
Croydon (PA)	-	436	-	-	-	-	-	1	-
Delaware (PA)	-	9,087	-	-	-	-	-	22	-
Dresden (IL)	-	-	-	-	1,097,968	-	-	-	-
Eddystone (PA)	254,898	31,457	29,177	-	-	-	118	58	330
Fairless HL (PA)	-	9	1	-	-	-	-	*	*
Falls (PA)	-	-	-	-	-	-	-	-	-
Handley (TX)	-	-	251,209	-	-	-	-	-	3,025
Lasalle Cty (IL)	-	-	-	-	1,596,064	-	-	-	-
Limerick (PA)	-	-	-	-	1,639,388	-	-	-	-
Moser (PA)	-	33	-	-	-	-	-	*	-
Mountain Creek (TX)	-	-	114,271	-	-	-	-	-	1,553
Muddy Run (PA)	-	-	-	-12,758	-	-	-	-	-
Peachbottom (PA)	-	-	-	-	992,940	-	-	-	-
Quad Cities (IL)	-	-	-	-	1,174,630	-	-	-	-
Richmond (PA)	-	1,115	-	-	-	-	-	3	-
Schuylkill (PA)	-	3,329	-	-	-	-	-	8	-
Southwark (PA)	-	24	-	-	-	-	-	*	-
Exeter Energy LP	**-**	**524**	**-**	**-**	**-**	**14,682**	**-**	*	**-**
Exeter Energy Project (CT)	-	524	-	-	-	14,682	-	*	-
Exxon Chemical Co	**-**	**-**	**292,342**	**-**	**-**	**-**	**-**	**-**	**3,536**
Baton Rouge Cogen (TX)	-	-	237,554	-	-	-	-	-	2,711
Baton Rouge Turbine Generator (LA)	-	-	54,788	-	-	-	-	-	825
Exxon Co USA	**-**	**-**	**270,924**	**-**	**-**	**-**	**-**	**-**	**3,323**
Baytown Turbine Generator Project (TX)	-	-	136,106	-	-	-	-	-	1,548
Exxon Mobil Co USA Baytown PP3 PP4	-	-	102,083	-	-	-	-	-	1,464
Santa Ynez Facility (CA)	-	-	32,735	-	-	-	-	-	310
Fairhaven Power Co	**-**	**-**	**277**	**-**	**-**	**12,326**	**-**	**-**	**6**
Fairhaven Power Co (CA)	-	-	277	-	-	12,326	-	-	6
Farmland Hydro Ltd Partner	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Farmland Hydro LP (FL)	-	-	-	-	-	-	-	-	-
Federal Paper Board Co Inc	**947**	**8,191**	**385**	**-**	**-**	**33,317**	**2**	**67**	**19**
International Paper Riegelwood Mill (NC)	947	8,191	385	-	-	33,317	2	67	19
Fibertek Energy LLC	**38,347**	**-**	**-**	**-**	**-**	**-**	**24**	**-**	**-**
Fibertex Energy LLC (NY)	38,347	-	-	-	-	-	24	-	-
Finch Pruyn & Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Finch Pruyn Co Inc (NY)	-	-	-	-	-	-	-	-	-
First National Bank-Commerce	**-**	**-**	**-**	**25,454**	**-**	**-**	**-**	**-**	**-**
Sidney A Murray Jr Hydroelectric St (LA)	-	-	-	25,454	-	-	-	-	-
Flowind Corp	**-**	**-**	**-**	**-**	**-**	**14,841**	**-**	**-**	**-**
Altamont Power LLC (CA)	-	-	-	-	-	533	-	-	-
Cameron Ridge (CA)	-	-	-	-	-	14,308	-	-	-
Ford Master Credit Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bay Resource Management Center (FL)	-	-	-	-	-	-	-	-	-
Formosa Plastics Corp	**-**	**-**	**293,133**	**-**	**-**	**-**	**-**	**-**	**4,269**
Formosa Plastics Corp (LA)	-	-	72,207	-	-	-	-	-	830
Formosa Utility Venture Ltd (TX)	-	-	220,926	-	-	-	-	-	3,439
Fort Howard Corp	**34,249**	**14,825**	**-**	**-**	**-**	**-**	**26**	**10**	**-**
Green Bay West Mill (WI)	34,249	14,825	-	-	-	-	26	10	-
Muskogee Mill (OK)	-	-	-	-	-	-	-	-	-
Fort James Operating Co	**5,654**	**40,492**	**49,096**	**-**	**-**	**204**	**3**	**21**	**96**
Savannah River Mill (GA)	5,654	40,492	49,096	-	-	204	3	21	96
Foster Wheeler Power Sys Inc	**-**	**-**	**70,077**	**-**	**-**	**-**	**-**	**-**	**824**
Camden Resource Recovery Facility (NJ)	-	-	-	-	-	-	-	-	-
Foster Wheeler Martinez Inc (CA)	-	-	70,077	-	-	-	-	-	824

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Foster Wheeler-Mt Carmel Inc	**24,681**	**-**	**-**	**-**	**-**	**-**	**47**	**-**	**-**
Foster Wheeler Martinez Inc (CA)	-	-		-	-	-	-	-	-
Foster Wheeler Mt Carmel Inc (PA)	24,681	-	-	-	-	-	47	-	-
Fox Metro Water Reclamation	**-**	**-**	**1**	**-**	**-**	**1**	**-**	**-**	**203**
Fox Metro Water Reclamation Distric (IL)	-	-	1	-	-	1	-	-	203
FPL Energy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lake Benton II (MN)	-	-	-	-	-		-	-	-
FPL Energy Maine Inc	**-**	**39,801**	**-**	**-**	**-**	**21,946**	**-**	**57**	**-**
Androscoggin 3 (ME)	-	-	-		-	-	-	-	-
Aroostook Valley (ME)	-	-	-	-	-	21,946	-	-	-
Bar Mills (ME)	-	-	-		-	-	-	-	-
Bates Mill Upper (ME)	-	-	-		-	-	-	-	-
Bonny Eagle (ME)	-	-	-		-	-	-	-	-
Brunswick (ME)	-	-	-		-	-	-	-	-
Cataract (ME)	-	-	-		-	-	-	-	-
Charles E Monty (ME)	-	-	-		-	-	-	-	-
Continental Mills (ME)	-	-	-		-	-	-	-	-
Deer Rips (ME)	-	-	-		-	-	-	-	-
Fort Halifax (ME)	-	-	-		-	-	-	-	-
Gulf Island (ME)	-	-	-		-	-	-	-	-
Harris (ME)	-	-	-		-	-	-	-	-
Hill Mill (ME)	-	-	-		-	-	-	-	-
Hiram (ME)	-	-	-		-	-	-	-	-
Mason Steam (ME)	-	-	-	-	-	-	-	-	-
Messalonkskee 2 (Oakland) (ME)	-	-	-		-	-	-	-	-
Messalonkskee 3 (ME)	-	-	-		-	-	-	-	-
Messalonkskee 5 (ME)	-	-	-		-	-	-	-	-
North Gorham (ME)	-	-	-		-	-	-	-	-
Shawmut (ME)	-	-	-		-	-	-	-	-
Skelton (ME)	-	-	-		-	-	-	-	-
West Buxton (ME)	-	-	-		-	-	-	-	-
Weston (ME)	-	-	-		-	-	-	-	-
William F Wyman (ME)	-	39,801	-	-	-	-	-	57	-
Williams (ME)	-	-	-		-	-	-	-	-
Wyman Hydro (ME)	-	-	-		-	-	-	-	-
Fraser Paper Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fraser Paper Inc (WI)	-	-	-	-	-	-	-	-	-
Fresno Cogeneration Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fresno Cogeneration Partners LP (CA)	-	-		-	-	-	-	-	-
Frontier Generation LP	**-**	**-**	**112,633**	**-**	**-**	**-**	**-**	**-**	**814**
Frontera Generation Facility (TX)	-	-	112,633	-	-	-	-	-	814
Ft Worth City of	**-**	**-**	**1,591**	**-**	**-**	**1,591**	**-**	**-**	**7**
Village Creek Wastewater Treatment (TX)	-	-	1,591	-	-	1,591	-	-	7
Fulton Cogeneration Associates	**-**	**-**	**2,952**	**-**	**-**	**-**	**-**	**-**	**30**
Fulton Cogeneration Associates (NY)	-	-	2,952	-	-	-	-	-	30
Gas Recovery Systems Inc	**-**	**-**	**4**	**-**	**-**	**-**	**-**	**-**	*****
Coyote Canyon Steam Plant (CA)	-	-	4	-	-	-	-	-	*
Gaylord Container Corp	**-**	**654**	**40,454**	**-**	**-**	**47,031**	**-**	**4**	**616**
Gaylord Container Corp Antioch (CA)	-	-	37,339	-	-	-	-	-	485
Gaylord Container Corp Bogalusa (LA)	-	654	3,115	-	-	47,031	-	4	131
Gaylord Entertainment Co	**-**	**-**	**3,454**	**-**	**-**	**-**	**-**	**-**	**42**
Opryland USA (TN)	-	-	3,454	-	-	-	-	-	42
GEM Resources	**-**	**-**	**-**	**-**	**-**	**5,436**	**-**	**-**	**-**
GEM II (CA)	-	-	-	-	-	-	-	-	-
GEM III (CA)	-	-	-	-	-	5,436	-	-	-
General Chemical Corp	**17,995**	**37**	**-**	**-**	**-**	**-**	**40**	*	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
General Chemical (WY)	17,995	37	-	-	-	-	40	*	-
General Electric Co	**-**	**410**	**11,048**	**-**	**-**	**-**	**-**	**1**	**219**
GE Company Aircraft Engines (MA)	-	410	11,048	-	-	-	-	1	219
General Growth Proper Tire Inc	**-**	**753**	**86**	**-**	**-**	**-**	**-**	*	*
Westroads Shopping Center (NE)	-	753	86	-	-	-	-	*	*
General Motors Corp	**-**	**-**	**14**	**-**	**-**	**-**	**-**	**-**	*
Powertrain Warren GMC (MI)	-	-	14	-	-	-	-	-	*
Genesee Power Station LP	**-**	**-**	**-**	**-**	**-**	**17,988**	**-**	**-**	**-**
Genesee Power Station LP (MI)	-	-	-	-	-	17,988	-	-	-
Georgia Gulf Corp	**-**	**-**	**169,236**	**-**	**-**	**-**	**-**	**-**	**2,520**
Georgia Gulf Corporation Plaquemine (LA)	-	-	169,236	-	-	-	-	-	2,520
Georgia-Pacific Corp	**24,487**	**22,374**	**15,270**	**-**	**-**	**91,535**	**15**	**76**	**467**
Ashdown (AR)	-	-	-	-	-	-	-	-	-
Big Island (VA)	-	-	-	-	-	-	-	-	-
Brunswick Pulp&Paper Co (GA)	-	2,281	2,984	-	-	36,392	-	17	136
Cedar Springs (GA)	21,166	19,878	1,390	-	-	5,629	15	59	24
Crossett Paper (AR)	-	-	-	-	-	-	-	-	-
Fort Bragg Western Wood Products (CA)	-	-	-	-	-	-	-	-	-
Leaf River (MS)	-	-	-	-	-	-	-	-	-
Monticello Paper (MS)	-	-	-	-	-	-	-	-	-
Naheola Mill (AL)	3,321	215	3,970	-	-	26,002	-	-	-
Nekoosa Mill (WI)	-	-	-	-	-	-	-	-	-
Palatka Operations (FL)	-	-	-	-	-	-	-	-	-
Port Edwards Mill (WI)	-	-	-	-	-	-	-	-	-
Port Hudson Pulp Printing Paper (LA)	-	-	6,926	-	-	23,512	-	-	307
Gilberton Power Co	**56,477**	**53**	**-**	**-**	**-**	**-**	**51**	*	**-**
John B Rich Memorial Power Station (PA)	56,477	53	-	-	-	-	51	*	-
Gillette Co	**-**	**-**	**5,400**	**-**	**-**	**-**	**-**	**-**	**128**
Gillette Co (MA)	-	-	5,400	-	-	-	-	-	128
Gilman Paper Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gilman Paper Co (GA)	-	-	-	-	-	-	-	-	-
Glen Park Associates	**-**	**-**	**-**	**2,305**	**-**	**-**	**-**	**-**	**-**
Glen Park Hydroelectric Project (NY)	-	-	-	2,305	-	-	-	-	-
Goaline Ltd Partnership	**-**	**-**	**35,367**	**-**	**-**	**-**	**-**	**-**	**284**
Goal Line LP (CA)	-	-	35,367	-	-	-	-	-	284
Goodyear Tire & Rubber Co	**9,589**	**92**	**20,288**	**-**	**-**	**-**	**10**	*	**858**
Goodyear Power Plant (OH)	9,589	92	-	-	-	-	10	*	-
The Goodyear&Tire Rubber Co (TX)	-	-	20,288	-	-	-	-	-	858
Gorbell Thermo Electron Pwr Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gorbell Thermo Electron Power Co (ME)	-	-	-	-	-		-	-	-
Gordonsville Energy LP	**-**	**-**	**19,248**	**-**	**-**	**-**	**-**	**-**	**164**
Gordonsville Energy LP (VA)	-	-	19,248	-	-	-	-	-	164
GPU International Inc-Onondaga	**-**	**-**	**29,482**	**-**	**-**	**-**	**-**	**-**	**227**
Onondaga Cogeneration (NY)	-	-	29,482	-	-	-	-	-	227
Grayling Generating Station LP	**-**	**-**	**-**	**-**	**-**	**18,305**	**-**	**-**	**-**
Grayling Generating Station (MI)	-	-	-	-	-	18,305	-	-	-
Grays Ferry Cogeneration Partn	**-**	**-**	**68,622**	**-**	**-**	**-**	**-**	**-**	**706**
Grays Ferry Cogeneration Partnershi (PA)	-	-	68,622	-	-	-	-	-	706
Great Northern Paper Inc	**-**	**-**	**-**	**53,305**	**-**	**-**	**-**	**-**	**-**
Great Northern Paper (ME)	-	-	-	53,305	-	-	-	-	-
Greenville Steam Co	**-**	**-**	**-**	**-**	**-**	**10,423**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Greenville Steam Co (ME)	-	-	-	-	-	10,423	-	-	-
Gregory Power Partners LP	**-**	**-**	**252,386**	**-**	**-**	**-**	**-**	**-**	**2,603**
Gregory Power Plant (TX)	-	-	252,386	-	-	-	-	-	2,603
Guadalupe Power Partners LP	**-**	**-**	**339,725**	**-**	**-**	**-**	**-**	**-**	**2,445**
Guadalupe Generating Road (TX)	-	-	339,725	-	-	-	-	-	2,445
Gulf States Paper Corp	**471**	**87**	**1,508**	**-**	**-**	**12,536**	**1**	**1**	**92**
Gulf States Paper Corp (AL)	471	87	1,508	-	-	12,536	1	1	92
GWF Power Systems LP	**-**	**27,504**	**-**	**-**	**-**	**-**	**-**	**11**	**-**
East Third Street Power Plant (CA)	-	13,860	-	-	-	-	-	6	-
Loveridge Road Power Plant (CA)	-	13,644	-	-	-	-	-	5	-
Hamakua Energy Partners LP	**-**	**33,562**	**-**	**-**	**-**	**-**	**-**	**54**	**-**
Hamakua Energy Plant (HI)	-	33,562	-	-	-	-	-	54	-
Harbor Cogeneration Co	**-**	**-**	**13,628**	**-**	**-**	**-**	**-**	**-**	**142**
Harbor Cogeneration Co (CA)	-	-	13,628	-	-	-	-	-	142
Hardee Power Partners Ltd	**-**	**2,171**	**89,083**	**-**	**-**	**-**	**-**	**4**	**870**
Hardee Power Station (FL)	-	2,171	89,083	-	-	-	-	4	870
Hartwell Energy Ltd Partners	**-**	**-**	**32,450**	**-**	**-**	**-**	**-**	**-**	**385**
Hartwell Energy LP (GA)	-	-	32,450	-	-	-	-	-	385
Hawaiian Coml & Sugar Co Ltd	**2,303**	**1,567**	**-**	**-**	**-**	**15,087**	**5**	**1**	**-**
Hawaiian Coml&Sugar Co (HI)	2,303	1,567	-	-	-	15,087	5	1	-
Heard County Power LLC	**-**	**-**	**150**	**-**	**-**	**-**	**-**	**-**	**4**
Calcasieu Power LLC (LA)	-	-	150	-	-	-	-	-	4
Heber Geothermal Co	**-**	**-**	**-**	**-**	**-**	**26,375**	**-**	**-**	**-**
Heber Geothermal Co (CA)	-	-	-	-	-	26,375	-	-	-
Hemphill Power & Light Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hemphill Power&Light Co (NH)	-	-	-	-	-		-	-	-
Hercules Inc	**6,640**	**5**	**2,288**	**-**	**-**	**-**	**10**	*****	**-**
Green Tree Chemical Technologies IN (NJ)	-	4	2,288	-	-	-	-	*	-
Hercules Inc Missouri Chemical Work (MO)	6,640	1	-	-	-	-	10	*	-
Herold A C	**-**	**-**	**326,357**	**-**	**-**	**-**	**-**	**-**	**2,261**
Hermiston Generating Plant (OR)	-	-	326,357	-	-	-	-	-	2,261
Hidalgo Energy Center LP	**-**	**-**	**184,923**	**-**	**-**	**-**	**-**	**-**	**1,277**
Hidalgo Energy Center (TX)	-	-	184,923	-	-	-	-	-	1,277
High Sierra Ltd	**-**	**-**	**26,695**	**-**	**-**	**-**	**-**	**-**	**269**
High Sierra (CA)	-	-	26,695	-	-	-	-	-	269
Hillman Power Co	**-**	**-**	**44**	**-**	**-**	**11,071**	**-**	**-**	**1**
Hillman Power Co LLC (MI)	-	-	44	-	-	11,071	-	-	1
Hillsborough County	**-**	**-**	**51**	**-**	**-**	**-**	**-**	**-**	**1**
Hillsborough County Resource Recove (FL)	-	-	51	-	-	-	-	-	1
HL Power Co	**-**	**-**	**4,171**	**-**	**-**	**15,829**	**-**	**-**	**44**
HL Power Plant (CA)	-	-	4,171	-	-	15,829	-	-	44
Hopewell Cogeneration Inc	**-**	**679**	**80,035**	**-**	**-**	**-**	**-**	**1**	**772**
Hopewell Cogeneration (VA)	-	679	80,035	-	-	-	-	1	772
Howden Wind Parks Inc	**-**	**-**	**-**	**-**	**-**	**2,723**	**-**	**-**	**-**
Howden Windpark I (CA)	-	-	-	-	-	2,723	-	-	-
Huntsman Corp	**-**	**-**	**43,755**	**-**	**-**	**-**	**-**	**-**	**568**
JCO Oxides Olefins Plant (TX)	-	-	43,755	-	-	-	-	-	568

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hydro Technology Systems Inc	**-**	**-**	**-**	**288**	**-**	**-**	**-**	**-**	**-**
Meyers Falls (WA)	-	-	-	288	-	-	-	-	-
Hydro-Op One Associates	**-**	**-**	**-**	**799**	**-**	**-**	**-**	**-**	**-**
Dayton Hydro (IL)	-	-	-	799	-	-	-	-	-
IBM Corp	**-**	**19**	**-**	**-**	**-**	**-**	**-**	*****	**-**
IBM San Jose Standby Generator (CA)	-	19	-	-	-	-	-	*	-
IMC Phosphates Co	**-**	**-**	**78,891**	**-**	**-**	**-**	**-**	**-**	**-**
IMC Agrico Co New Wales Operations (FL)	-	-	32,623	-	-	-	-	-	-
IMC Agrico Co South Pierce Operatio (FL)	-	-	29,370	-	-	-	-	-	-
IMC Agrico Company Uncle Sam Plant	-	-	16,898	-	-	-	-	-	-
Indeck-Corinth Ltd Partnership	**-**	**-**	**92,631**	**-**	**-**	**-**	**-**	**-**	**764**
Indeck Corinth Energy Center (NY)	-	-	92,631	-	-	-	-	-	764
Indeck Rockford Energy Center (IL)	-	-		-	-	-	-	-	-
Indeck-Energy Serv Silver Sprg	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Indeck Silver Springs Energy Center (NY)	-	-	-	-	-	-	-	-	-
Indeck-Ilion Ltd Partnership	**-**	**-**	**14,439**	**-**	**-**	**-**	**-**	**-**	**125**
Indeck Ilion Energy Center (NY)	-	-	14,439	-	-	-	-	-	125
Indeck-Maine Energy LLC	**-**	**-**	**-**	**-**	**-**	**9,537**	**-**	**-**	**-**
Indeck Jonesboro Energy Center (ME)	-	-	-	-	-	691	-	-	-
Indeck West Enfield Energy Center (ME)	-	-	-	-	-	8,846	-	-	-
Indeck-Olean Ltd Partnership	**-**	**-**	**22,687**	**-**	**-**	**-**	**-**	**-**	**190**
Indeck Olean Energy Center (NY)	-	-	22,687	-	-	-	-	-	190
Indeck-Oswego Ltd Partnership	**-**	**-**	**13,608**	**-**	**-**	**-**	**-**	**-**	**128**
Indeck Oswego Energy Center (NY)	-	-	13,608	-	-	-	-	-	128
Indeck-Pepperell Power Assoc	**-**	**7**	**8,837**	**-**	**-**	**-**	**-**	*****	**79**
Indeck Pepperell Power Facility (MA)	-	7	8,837	-	-	-	-	*	79
Indeck-Rockford LLC	**-**	**-**	**7,370**	**-**	**-**	**-**	**-**	**-**	**77**
Indeck Rockford Energy Center (IL)	-	-	7,370	-	-	-	-	-	77
Santa Ynez Facility (CA)	-	-		-	-	-	-	-	-
Indeck-Yerkes Ltd Partnership	**-**	**5**	**12,345**	**-**	**-**	**-**	**-**	*****	**114**
Indeck Yerkes Energy Center (NY)	-	5	12,345	-	-	-	-	*	114
Independent Power Americas Inc	**-**	**-**	**71,569**	**-**	**-**	**-**	**-**	**-**	**788**
Manchief Electric Generating Statio (TX)	-	-	71,569	-	-	-	-	-	788
Indiantown Cogeneration LP	**107,623**	**-**	**-**	**-**	**-**	**-**	**43**	**-**	**-**
Indiantown Cogeneration Facility (FL)	107,623	-	-	-	-	-	43	-	-
Ingersoll Milling	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ingersoll Milling Machine Co (IL)	-	-	-	-	-	-	-	-	-
Ingleside Cogeneration LP	**-**	**-**	**241,308**	**-**	**-**	**-**	**-**	**-**	**1,957**
Ingleside Cogeneration (TX)	-	-	241,308	-	-	-	-	-	1,957
Inland Container Corp	**-**	**-**	**1,243**	**-**	**-**	**29,501**	**-**	**-**	**446**
Inland Paperboard and Packaging (TX)	-	-	1,243	-	-	29,501	-	-	446
Inland Paperboard & Pack'g Inc	**12,044**	**1,855**	**55**	**-**	**-**	**33,086**	**23**	**14**	**3**
Inland Paperboard Packaging Rome Li (GA)	12,044	1,855	55	-	-	33,086	23	14	3
Inland Steel Co	**-**	**-**	**1,250**	**-**	**-**	**-**	**-**	**-**	**3,728**
2 AC Station (IN)	-	-	1,250	-	-	-	-	-	3,728
4 AC Station (IN)	-	-	-	-	-	-	-	-	-
Expander Turbine (IN)	-	-	-	-	-	-	-	-	-
Intercontinental Energy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bellingham Cogeneration Facility (MA)	-	-	-	-	-	-	-	-	-
Sayreville Cogeneration Facility (NJ)	-	-		-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
International Paper Co	**9,325**	**8,267**	**11,873**	**-**	**-**	**69,406**	**15**	**50**	**505**
Georgetown Mill (SC)	5,686	3,295	398	-	-	36,658	10	22	15
Lock Haven Mill (PA)	-	-	-	-	-	-	-	-	-
Texarkana Mill (TX)	-	2,894	9,972	-	-	28,253	-	21	436
Thilmany Pulp Paper (WI)	3,639	2,078	1,503	-	-	4,495	5	7	54
International Paper Co-Padgett	**16,015**	**682**	**11,477**	**-**	**-**	**11,820**	**12**	**2**	**216**
International Paper Augusta Mill (GA)	16,015	682	11,477	-	-	11,820	12	2	216
International Turbine Res Inc	**-**	**-**	**-**	**-**	**-**	**2,036**	**-**	**-**	**-**
Dinosaur Point (CA)	-	-	-	-	-	2,036	-	-	-
IPC-Androscoggin Mill	**-**	**5,002**	**18,638**	**2,917**	**-**	**34,118**	**-**	**22**	**477**
Androscoggin Mill (ME)	-	5,002	18,638	-	-	34,118	-	22	477
Jay Hydro (ME)	-	-	-	584	-	-	-	-	-
Livermore Hydro (ME)	-	-	-	1,215	-	-	-	-	-
Riley Hydro (ME)	-	-	-	1,118	-	-	-	-	-
IPC-Camden	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Camden Mill (AR)	-	-		-	-	-	-	-	-
IPC-Louis	**505**	**-**	**5,818**	**-**	**-**	**31,808**	**1**	**-**	**231**
Louisiana Mill (LA)	505	-	5,818	-	-	31,808	1	-	231
IPC-Mansfield Mill	**1,252**	**395**	**15,794**	**-**	**-**	**51,448**	**2**	**3**	**231**
Mansfield Mill (LA)	1,252	395	15,794	-	-	51,448	2	3	231
IPC-Natchez	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Natchez Mill (MS)	-	-	-	-	-	-	-	-	-
IPC-Pine	**-**	**-**	**11,437**	**-**	**-**	**33,541**	**-**	**-**	**258**
IPC Pine Bluff Mill (AR)	-	-	7,321	-	-	22,010	-	-	44
Pineville Mill (LA)	-	-	4,116	-	-	11,531	-	-	214
IPC-Riverdale Road	**-**	**274**	**32,110**	**-**	**-**	**24,672**	**-**	**1**	**675**
Riverdale Mill (AL)	-	274	32,110	-	-	24,672	-	1	675
IPC-Ticonderoga	**-**	**9,706**	**-**	**-**	**-**	**15,509**	**-**	**41**	**-**
Ticonderoga Mill (NY)	-	9,706	-	-	-	15,509	-	41	-
IPC-Vicks	**-**	**-**	**5,730**	**-**	**-**	**15,350**	**-**	**-**	**269**
Vicksburg Mill (MS)	-	-	5,730	-	-	15,350	-	-	269
Islip Resource Recovery Agency	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mac Arthur Waste to Energy Facility (NY)	-	-	-	-	-	-	-	-	-
James River Corp	**3,321**	**215**	**3,970**	**-**	**-**	**35,374**	**6**	**1**	**161**
Naheola Mill (AL)	3,321	215	3,970	-	-	26,002	6	1	161
Old Town Division (ME)	-	-	-	-	-	-	-	-	-
St Francisville Mill (LA)	-	-	-	-	-	9,372	-	-	-
Jefferson Smurfit Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Jefferson Smurfit Corp (FL)	-	-	-	-	-	-	-	-	-
Jefferson Smurfit Corp-LA	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Smurfit Stone Container Corp (CA)	-	-	-	-	-	-	-	-	-
John Deere Harvester Works Co	**1,142**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
John Deere Harvester Works (IL)	1,142	-	-	-	-	-	3	-	-
Kaiser Aluminum&Chemical Corp	**-**	**-**	**20,614**	**-**	**-**	**-**	**-**	**-**	**548**
Kaiser Aluminum (LA)	-	-	20,614	-	-	-	-	-	548
Kalaeloa Partners LP	**-**	**89,252**	**30,554**	**-**	**-**	**-**	**-**	**173**	**-**
Kalaeola Cogeneration Plant (HI)	-	89,252	30,554	-	-	-	-	173	-
Kamine/Besicorp Syracuse LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CH Resources Syracuse (NY)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Kenetech Windpower Inc	-	-	-	-	-	-	-	-	-
Altamont Pass Windplant (CA)	-	-	-	-	-		-	-	-
Kent County	-	-	-	-	-	-	-	-	-
Kent County Waste to Energy Facilit (MI)	-	-	-	-	-	-	-	-	-
Kern Front Ltd	-	-	**25,529**	-	-	-	-	-	**256**
Kern Front (CA)	-	-	25,529	-	-	-	-	-	256
Kern River Cogeneration Co	-	-	**213,003**	-	-	-	-	-	**2,521**
Kern River Cogeneration Co (CA)	-	-	213,003	-	-	-	-	-	2,521
KES Chateaugay LP	-	-	-	-	-	**9,690**	-	-	-
Chateaugay Power Station (NY)	-	-	-	-	-	9,690	-	-	-
KeySpan-Ravenswood Inc	-	**65,199**	**567,960**	-	-	-	-	**112**	**5,995**
Ravenswood (NY)	-	65,199	567,960	-	-	-	-	112	5,995
KIAC Partners	-	-	**55,048**	-	-	-	-	-	**444**
Kennedy International Airport Cogen (NY)	-	-	55,048	-	-	-	-	-	444
Kimberly-Clark Corp	**15,135**	**17,985**	-	-	-	-	**18**	**9**	-
Chester Operations (PA)	15,135	17,985	-	-	-	-	18	9	-
King County Dept-Natural Res	-	-	-	-	-	**1,301**	-	-	-
West Point Treatment Plant (WA)	-	-	-	-	-	1,301	-	-	-
Koch Petroleum Group LP	-	-	**22,993**	-	-	-	-	**12**	**279**
Koch Petroleum Group LP Corpus Refi (TX)	-	-	22,993	-	-	-	-	12	279
Koppers Industries Inc	-	-	-	-	-	**5,111**	-	-	-
Susquehanna Plant (PA)	-	-	-	-	-	5,111	-	-	-
Lafarge Corp	**25,531**	-	-	-	-	-	**36**	-	-
LaFarge Corp Alpena (MI)	25,531	-	-	-	-	-	36	-	-
Lake Benton Power Partners LLC	-	-	-	-	-	**24,921**	-	-	-
Lake Benton I (MN)	-	-	-	-	-	24,921	-	-	-
Lake Cogen Ltd	-	-	**50,731**	-	-	-	-	-	**393**
Lake Cogen Ltd (FL)	-	-	50,731	-	-	-	-	-	393
Lake Superior Paper Co	-	-	-	-	-	**3,310**	-	-	-
Lake Superior Paper Industries (MN)	-	-	-	-	-	3,310	-	-	-
Lancaster County Solid WR Auth	-	-	**75**	-	-	-	-	-	**1**
Lancaster County Resource Recovery (PA)	-	-	75	-	-	-	-	-	1
Landfill Generating Partners	-	-	-	-	-	-	-	-	-
Orange County New York (NY)	-	-	-	-	-	-	-	-	-
Las Vegas Cogeneration	-	-	-	-	-	-	-	-	-
Las Vegas Cogeneration LP (NV)	-	-		-	-	-	-	-	-
Leathers LP	-	-	-	-	-	**29,913**	-	-	-
J M Leathers (CA)	-	-	-	-	-	29,913	-	-	-
Lee County Board-Commissioners	-	-	-	-	-	-	-	-	-
Lee County Solid Waste Energy Recov (FL)	-	-	-	-	-	-	-	-	-
L'Energia Ltd Partnership	-	-	**3,562**	-	-	-	-	-	**32**
UAE Lowell Power LLC (MA)	-	-	3,562	-	-	-	-	-	32
LG&E Westmoreland Rensselaer	-	-	**12,305**	-	-	-	-	-	**109**
Rensselaer Cogen (NY)	-	-	12,305	-	-	-	-	-	109
Little Rock Wastewater Utility	-	-	**151**	-	-	**389**	-	-	**5**
Fourche Creek Wastewater (AR)	-	-	151	-	-	389	-	-	5
Live Oak Ltd	-	-	**23,951**	-	-	-	-	-	**220**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Live Oak Cogen (CA)	-	-	23,951	-	-	-	-	-	220
Lockport Energy Associates LP	**-**	**54**	**103,409**	**-**	**-**	**-**	**-**	*****	**938**
Lockport Energy Assoc LP Lockport C (NY)	-	54	103,409	-	-	-	-	*	938
Logan Generating Co LP	**108,668**	**-**	**-**	**-**	**-**	**-**	**43**	**-**	**-**
Logan Generating Plant (NJ)	108,668	-	-	-	-	-	43	-	-
Long Beach Generation LLC	**-**	**-**	**6,547**	**-**	**-**	**-**	**-**	**-**	**69**
Long Beach Generation LLC (CA)	-	-	6,547	-	-	-	-	-	69
Longview Fibre Co	**-**	**-**	**26,388**	**-**	**-**	**-**	**-**	**-**	**266**
Longview Fibre Co (WA)	-	-	26,388	-	-	-	-	-	266
Los Angeles County Sanitation	**-**	**-**	**1,231**	**-**	**-**	**-**	**-**	**-**	**34**
Commerce Refuse To Energy (CA)	-	-	341	-	-	-	-	-	6
Palos Verdes Gas to Energy Facility (CA)	-	-	890	-	-	-	-	-	28
Puente Hills Energy Recovery (CA)	-	-	-	-	-	-	-	-	-
Spadra Landfill Gas to Energy (CA)	-	-	-	-	-	-	-	-	-
Louisiana Generating LLC	**1,054,089**	**735**	**-**	**-**	**-**	**-**	**693**	**1**	**-**
Big Cajun (LA)	-	-	-	-	-	-	-	-	-
Big Cajun 2 (LA)	1,054,089	735	-	-	-	-	693	1	-
Louisiana Pacific Samoa Inc	**-**	**-**	**-**	**-**	**-**	**11,331**	**-**	**-**	**-**
Pulp Mill Power House (CA)	-	-	-	-	-	11,331	-	-	-
LSP Energy Ltd Partnership	**-**	**-**	**179,397**	**-**	**-**	**-**	**-**	**-**	**1,321**
Batesville Generation Facility (MS)	-	-	179,397	-	-	-	-	-	1,321
LSP-Cottage Grove LP	**-**	**-**	**21,621**	**-**	**-**	**-**	**-**	**-**	**186**
Cogentrix LSP Cottage Grove (MN)	-	-	21,621	-	-	-	-	-	186
LSP-Whitewater LP	**-**	**-**	**68,532**	**-**	**-**	**-**	**-**	**-**	**535**
Whitewater Cogeneration Facility (WI)	-	-	68,532	-	-	-	-	-	535
LTV Steel Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
LTV Steel Cleveland Works (OH)	-	-	-	-	-	-	-	-	-
LTV Steel Indiana Harbor Works (IN)	-	-		-	-	-	-	-	-
Luz Solar Partners Ltd III	**-**	**-**	**6,332**	**-**	**-**	**4,034**	**-**	**-**	**63**
SEGS III (CA)	-	-	6,332	-	-	4,034	-	-	63
Luz Solar Partners Ltd IV	**-**	**-**	**6,503**	**-**	**-**	**4,018**	**-**	**-**	**65**
SEGS IV (CA)	-	-	6,503	-	-	4,018	-	-	65
Luz Solar Partners Ltd IX	**-**	**-**	**14,751**	**-**	**-**	**12,900**	**-**	**-**	**183**
SEGS IX (CA)	-	-	14,751	-	-	12,900	-	-	183
Luz Solar Partners Ltd V	**-**	**-**	**6,002**	**-**	**-**	**4,676**	**-**	**-**	**60**
SEGS V (CA)	-	-	6,002	-	-	4,676	-	-	60
Luz Solar Partners Ltd VI	**-**	**-**	**5,650**	**-**	**-**	**4,392**	**-**	**-**	**57**
SEGS VI (CA)	-	-	5,650	-	-	4,392	-	-	57
Luz Solar Partners Ltd VII	**-**	**-**	**5,714**	**-**	**-**	**4,247**	**-**	**-**	**57**
SEGS VII (CA)	-	-	5,714	-	-	4,247	-	-	57
Luz Solar Partners Ltd VIII	**-**	**-**	**14,986**	**-**	**-**	**12,737**	**-**	**-**	**186**
SEGS VIII (CA)	-	-	14,986	-	-	12,737	-	-	186
MacMillan Bloedel Packaging	**-**	**-**	**-**	**-**	**-**	**39,260**	**-**	**-**	**-**
MacMillan Bloedel Packaging Inc (AL)	-	-	-	-	-	39,260	-	-	-
Madison Generating Station LLC	**-**	**-**	**30,796**	**-**	**-**	**-**	**-**	**-**	**375**
Madison Generating Station (OH)	-	-	30,796	-	-	-	-	-	375
Madison Paper Industries Inc	**-**	**882**	**-**	**6,722**	**-**	**-**	**-**	**13**	**-**
Anson Abenaki Hydros (ME)	-	882	-	6,722	-	-	-	13	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Maine Energy Recovery Co	-	-	-	-	-	-	-	-	-
Maine Energy Recovery Co (ME)	-	-	-	-	-	-	-	-	-
Mammoth Pacific LP	-	-	-	-	-	-	-	-	-
Mammoth Pacific I (CA)	-	-	-	-	-		-	-	-
Mammoth Pacific II (CA)	-	-	-	-	-		-	-	-
Ples I (CA)	-	-	-	-	-		-	-	-
March Point Cogeneration Co	-	**22**	**93,046**	-	-	-	-	*	**1,086**
March Point Cogeneration Co (WA)	-	22	93,046	-	-	-	-	*	1,086
Martinez Refining Co	-	-	**69,392**	-	-	-	-	-	**655**
Martinez Refining Co A Div of Equil (CA)	-	-	69,392	-	-	-	-	-	655
Maryland Dept-Pub Safety&Corr	-	-	-	-	-	-	-	-	-
Eastern Correctional Institute (MD)	-	-	-	-	-	-	-	-	-
Massachusetts Bay Trans Auth	-	-	-	-	-	-	-	-	-
M Street Jet (MA)	-		-	-	-	-	-	-	-
Massachusetts Water Res Auth	-	**446**	-	**371**	-	**1,509**	-	**2**	-
Deer Island Treatment Plant (MA)	-	446	-	371	-	1,509	-	2	-
MASSPOWER	-	**928**	**151,236**	-	-	-	-	*	**1,297**
Masspower (MA)	-	928	151,236	-	-	-	-	*	1,297
McKittrick Ltd	-	-	**29,145**	-	-	-	-	-	**265**
McKittrick Cogen (CA)	-	-	29,145	-	-	-	-	-	265
Mead Coated Board Inc	-	**260**	**5,877**	-	-	**35,948**	-	**20**	**1,072**
Mead Coated Board Inc (AL)	-	260	5,877	-	-	35,948	-	20	1,072
Mead Corp	**34,883**	**167**	**347**	**14,109**	-	**71,920**	**33**	**1**	**108**
Mead Corp (ME)	-	5	260	-	-	-	-	*	105
Mead Paper Division (ME)	17,971	162	87	-	-	24,438	22	1	3
Rumford Cogeneration Co (ME)	16,912	-	-	-	-	47,482	11	-	-
Rumford Falls Power Co (ME)	-	-	-	14,109	-	-	-	-	-
Mead Paper Corp	**20,274**	-	**10,575**	-	-	**27,561**	**15**	-	**195**
Mead Paper (MI)	20,274	-	10,575	-	-	27,561	15	-	195
Mecklenberg Cogeneration LP	**61,639**	**290**	-	-	-	-	**30**	**1**	-
Mecklenburg Cogeneration Facility (VA)	61,639	290	-	-	-	-	30	1	-
Medical Area Totl Engy Plt Inc	-	-	-	-	-	-	-	-	-
Medical Area Total Energy Plant (MA)	-	-	-	-	-	-	-	-	-
Mendota Biomass Power Ltd	-	-	-	-	-	**11,480**	-	-	-
Mendota Biomass Power Ltd (CA)	-	-	-	-	-	11,480	-	-	-
Merck & Co Inc	-	**2**	**2,839**	-	-	**232**	-	*	**151**
Merck Rahway Power Plant (NJ)	-	2	2,839	-	-	232	-	*	151
Merck & Co Inc-West Point	-	-	-	-	-	-	-	-	-
West Point Facility (PA)	-	-	-	-	-	-	-	-	-
Merrimac Paper Co Inc	-	**85**	-	-	-	-	-	**4**	-
Merrimac Paper Co Inc (MA)	-	85	-	-	-	-	-	4	-
Metro Dade County	-	-	**7**	-	-	-	-	-	*
Miami Dade County Resources Recover	-	-	7	-	-	-	-	-	*
Metropolitan Wastewater Reclam	-	-	-	-	-	-	-	-	-
Metro Wastewater Reclamation Distri (CO)	-	-	-	-	-		-	-	-
Miami Dade Water & Sewer Auth	-	-	-	-	-	**2,154**	-	-	-
Central District Wastewater Treatme (FL)	-	-	-	-	-	1,440	-	-	-
South District Wastewater Treatment (FL)	-	-	-	-	-	714	-	-	-
Michigan Automotive Research	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Lotus Engineering Inc (MI)	-	-	-	-	-	-	-	-	-
Michigan Power Ltd Partnership	**-**	**-**	**69,878**	**-**	**-**	**-**	**-**	**-**	**657**
Michigan Power LP (MI)	-	-	69,878	-	-	-	-	-	657
Michigan State University	**20,642**	**-**	**462**	**-**	**-**	**-**	**19**	**-**	**10**
T B Simon Power Plant (MI)	20,642	-	462	-	-	-	19	-	10
Mid-Continent Power Co Inc	**-**	**-**	**35,283**	**-**	**-**	**-**	**-**	**-**	**418**
Calpine Pryor Inc (OK)	-	-	35,283	-	-	-	-	-	418
Middletown Power LLC	**-**	**6,300**	**48,237**	**-**	**-**	**-**	**-**	**12**	**553**
Middletown (CT)	-	6,300	48,237	-	-	-	-	12	553
Mid-Georgia CoGen LP	**-**	**-**	**60,527**	**-**	**-**	**-**	**-**	**-**	**491**
Mid Georgia Cogen (GA)	-	-	60,527	-	-	-	-	-	491
Midway-Sunset Cogeneration Co	**-**	**-**	**164,359**	**-**	**-**	**-**	**-**	**-**	**1,773**
Midway Sunset Cogeneration Co (CA)	-	-	164,359	-	-	-	-	-	1,773
Midwest Generations EME LLC	**2,671,129**	**15,392**	**163,492**	**-**	**-**	**-**	**1,646**	**32**	**2,112**
Bloom (IL)	-	-	-	-	-	-	-	-	-
Calumet (IL)	-	-	53	-	-	-	-	-	1
Collins (IL)	-	12,016	132,091	-	-	-	-	23	1,636
Crawford (IL)	238,794	-	1,074	-	-	-	135	-	15
Electric Junction (IL)	-	-	1,892	-	-	-	-	-	39
Fisk Street (IL)	129,162	9	-	-	-	-	72	-	-
Joliet 29 (IL)	438,542	-	22,774	-	-	-	268	-	339
Joliet 9 (IL)	134,471	-	623	-	-	-	87	-	6
Lombard (IL)	-	-	-	-	-	-	-	-	-
Powerton (IL)	808,356	-	156	-	-	-	507	-	2
Sabrooke (IL)	-	-	199	-	-	-	-	-	4
Waukegan (IL)	424,006	91	4,630	-	-	-	265	*	70
Will County (IL)	497,798	3,276	-	-	-	-	312	9	-
Midwest Wind Developers	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alta Iowa Project (Storm Lake I) (IA)	-	-	-	-	-		-	-	-
Milford Power Ltd Partnership	**-**	**-**	**60,788**	**-**	**-**	**-**	**-**	**-**	**465**
Milford Power LP (MA)	-	-	60,788	-	-	-	-	-	465
Millennium Power Partners LP	**-**	**-**	**218,305**	**-**	**-**	**-**	**-**	**-**	**1,534**
Millennium Power (MA)	-	-	218,305	-	-	-	-	-	1,534
Minnesota Mining & Mfg Co	**-**	**48**	**2,657**	**-**	**-**	**-**	**-**	*	**26**
Central Utility Plant (TX)	-	48	2,657	-	-	-	-	*	26
Mirant Canal LLC	**-**	**326,309**	**6**	**-**	**-**	**-**	**-**	**496**	*
Canal Plant (MA)	-	326,261	6	-	-	-	-	496	*
Oak Bluffs Generating Facility (MA)	-	24	-	-	-	-	-	*	-
West Tisbury Generating Facility (MA)	-	24	-	-	-	-	-	*	-
Mirant Chalk Point LLC	**371,587**	**1,147**	**178,057**	**-**	**-**	**-**	**154**	**2**	**1,897**
Chalk Point (MD)	371,587	1,147	178,057	-	-	-	154	2	1,897
Mirant Corp	**-**	**-**	**159,063**	**-**	**-**	**-**	**-**	**-**	**1,134**
SEI Texas Bosque County Peaking Pla (TX)	-	-	159,063	-	-	-	-	-	1,134
Mirant Kendall LLC	**-**	**2,585**	**19,642**	**-**	**-**	**-**	**-**	**7**	**344**
Kendall Square Station (MA)	-	2,585	19,642	-	-	-	-	7	344
Mirant Mid-Atlantic LLC	**966,069**	**729**	**26,939**	**-**	**-**	**-**	**349**	**2**	**327**
Dickerson (MD)	268,653	477	26,939	-	-	-	98	1	327
Morgantown (MD)	697,416	252	-	-	-	-	251	1	-
Mirant Potomac River LLC	**196,288**	**1,263**	**-**	**-**	**-**	**-**	**81**	**2**	**-**
Potomac River (VA)	196,288	1,263	-	-	-	-	81	2	-
Mobil Oil Corp-Beaumont	**-**	**-**	**180,042**	**-**	**-**	**-**	**-**	**-**	**2,940**
Beaumont Refinery (TX)	-	-	180,042	-	-	-	-	-	2,940

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Mobil Oil Corp-Joliet	**-**	**1,064**	**30,400**	**-**	**-**	**-**	**-**	**5**	**806**
Paulsboro Refinery (NJ)	-	1,064	30,400	-	-	-	-	5	806
Mobil Oil Corp-Torrance	**-**	**-**	**17,243**	**-**	**-**	**-**	**-**	**-**	**211**
Torrance Refinery (CA)	-	-	17,243	-	-	-	-	-	211
Mobile Energy Service Holdings	**9,358**	**-**	**-**	**-**	**-**	**29,051**	**11**	**-**	**-**
Mobile Energy Services Co LLC (AL)	9,358	-	-	-	-	29,051	11	-	-
Mojave Cogeneration Co	**-**	**-**	**30,266**	**-**	**-**	**-**	**-**	**-**	**312**
Mojave Cogeneration Co (CA)	-	-	30,266	-	-	-	-	-	312
Monsanto Co	**-**	**345**	**52,309**	**-**	**-**	**-**	**-**	**1**	**3,584**
Pensacola Florida Plant (FL)	-	345	52,309	-	-	-	-	1	3,584
Montenay Montgomery LP	**-**	**79**	**-**	**-**	**-**	**-**	**-**	*	**-**
Montenay Montgomery LP (PA)	-	79	-	-	-	-	-	*	-
Morgantown Energy Associates	**32,266**	**-**	**-**	**-**	**-**	**-**	**30**	**-**	**-**
Morgantown Energy Facility (WV)	32,266	-	-	-	-	-	30	-	-
Morrill Worcester	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Worcester Energy Co Inc (ME)	-	-	-	-	-		-	-	-
Mosinee Paper Corp	**1,137**	**-**	**-**	**2,386**	**-**	**6,946**	**6**	**-**	**-**
Wausau Mosinee Paper Corp Pulp&Pape	1,137	-	-	2,386	-	6,946	6	-	-
Motiva Enterprises LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Port Arthur Refinery (TX)	-	-		-	-	-	-	-	-
Mountainview Power Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mountainview Power Co LLC (CA)	-	-	-	-	-	-	-	-	-
MRWPCA	**-**	**-**	**155**	**-**	**-**	**232**	**-**	**-**	**3**
Monterey Regional Water Pollution C (CA)	-	-	155	-	-	232	-	-	3
Mt Lassen Power	**-**	**-**	**-**	**-**	**-**	**6,074**	**-**	**-**	**-**
Mt Lassen Power (CA)	-	-	-	-	-	6,074	-	-	-
Mt Poso Cogeneration Co	**23,935**	**7,745**	**637**	**-**	**-**	**-**	**11**	**3**	**7**
Mt Poso Cogeneration (CA)	23,935	7,745	637	-	-	-	11	3	7
Multitrade-Pittsylvania Cnty	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Multitrade of Pittsylvania County L (VA)	-	-	-	-	-		-	-	-
MWRD:W/SW Facility	**-**	**-**	**-**	**-**	**-**	**730**	**-**	**-**	**-**
Stickney Water Reclamation Plant (IL)	-	-	-	-	-	730	-	-	-
Nashville Thermal Transfr Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Nashville Thermal Transfer Corp (TN)	-	-	-	-	-	-	-	-	-
Nelson Industrial Steam Co	**-**	**94,780**	**-**	**-**	**-**	**-**	**-**	**34**	**-**
Nelson Industrial Steam Co (LA)	-	94,780	-	-	-	-	-	34	-
Nevada Cogeneration Assoc # 1	**-**	**-**	**60,869**	**-**	**-**	**-**	**-**	**-**	**540**
Nevada Cogeneration Assoc 1 Garnet (NV)	-	-	60,869	-	-	-	-	-	540
Nevada Cogeneration Assoc # 2	**-**	**-**	**60,393**	**-**	**-**	**-**	**-**	**-**	**551**
Nevada Cogen Assoc#2 Black Mtn Plan	-	-	60,393	-	-	-	-	-	551
Nevada Sun-Peak Ltd Partners	**-**	**-**	**20,878**	**-**	**-**	**-**	**-**	**-**	**162**
Nevada Sun Peak Project (NV)	-	-	20,878	-	-	-	-	-	162
New Albany Power I LLC	**-**	**-**	**1,462**	**-**	**-**	**-**	**-**	**-**	**18**
New Albany Power Facility (MS)	-	-	1,462	-	-	-	-	-	18
New Century Energies	**-**	**-**	**5,136**	**-**	**-**	**-**	**-**	**-**	**69**
Arapahoe Combustion Turbine Project (CO)	-	-	5,136	-	-	-	-	-	69

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
New Hanover County	**-**	**-**	**42**	**-**	**-**	**-**	**-**	**-**	**3**
New Hanover County Wastec (NC)	-	-	42	-	-	-	-	-	3
New Martinsville City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
New Martinsville Hydroelectric Plan (WV)	-	-	-		-	-	-	-	-
New World Power Corp	**-**	**-**	**-**	**-**	**-**	**4,798**	**-**	**-**	**-**
Big Spring Wind Power Facility (TX)	-	-	-	-	-	4,798	-	-	-
Newark Bay Cogen Partners LP	**-**	**-**	**17,650**	**-**	**-**	**-**	**-**	**-**	**254**
Newark Bay Cogeneration Project (NJ)	-	-	17,650	-	-	-	-	-	254
Newman & Co Inc	**-**	**854**	**11**	**-**	**-**	**-**	**-**	**7**	**5**
Newman Co Inc (PA)	-	854	11	-	-	-	-	7	5
NGE Eneterprises Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
South Glens Falls Energy LLC (NY)	-	-	-	-	-	-	-	-	-
Nissequoque Cogen Partners	**-**	**-**	**30,769**	**-**	**-**	**-**	**-**	**-**	**326**
Stony Brook Cogeneration Plant (NY)	-	-	30,769	-	-	-	-	-	326
Norcon Power Partners LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
NEPA Energy LP (PA)	-	-		-	-	-	-	-	-
North American Power Group	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ultrapower 3 Blue Lake (CA)	-	-	-	-	-	-	-	-	-
Northampton Generating Co LP	**78,118**	**-**	**-**	**-**	**-**	**-**	**62**	**-**	**-**
Northhampton Generating Co LP (PA)	78,118	-	-	-	-	-	62	-	-
Northbrook Carolina Hydro LLC	**-**	**-**	**-**	**756**	**-**	**-**	**-**	**-**	**-**
Boyds Mill Hydro (SC)	-	-	-	197	-	-	-	-	-
Hollidays Bridge Hydro (SC)	-	-	-	299	-	-	-	-	-
Saluda (SC)	-	-	-	233	-	-	-	-	-
Turner Shoals (NC)	-	-	-	27	-	-	-	-	-
Northeast Empire LP #1	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Beaver Livermore Falls (ME)	-	-	-	-	-		-	-	-
Northeast Empire LP #2	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Beaver Ashland (ME)	-	-	-	-	-	-	-	-	-
Northeast Generation Serv Co	**-**	**1,297**	**-**	**-41,392**	**-**	**-**	**-**	**3**	**-**
Bantam (CT)	-	-	-	5	-	-	-	-	-
Bulls Brdge (CT)	-	-	-	273	-	-	-	-	-
Cabot (MA)	-	-	-	6,626	-	-	-	-	-
Cobble Mt (MA)	-	-	-	1,343	-	-	-	-	-
Fls Village (CT)	-	-	-	258	-	-	-	-	-
Northfld Mt (MA)	-	-	-	-52,227	-	-	-	-	-
Robertsvle (CT)	-	-	-	8	-	-	-	-	-
Rocky River (CT)	-	-	-	96	-	-	-	-	-
Scotland Dm (CT)	-	-	-	14	-	-	-	-	-
Shepaug (CT)	-	-	-	394	-	-	-	-	-
South Meadow (CT)	-	1,238	-	-	-	-	-	3	-
Stevenson (CT)	-	-	-	1,227	-	-	-	-	-
Taftville (CT)	-	-	-	155	-	-	-	-	-
Tunnel (CT)	-	59	-	71	-	-	-	*	-
Turners Fl (MA)	-	-	-	365	-	-	-	-	-
Northeast Maryland W D Auth	**-**	**-**	**21**	**-**	**-**	**-**	**-**	**-**	*
Montgomery County Resource Recovery	-	-	21	-	-	-	-	-	*
Northeastern Power Co	**35,552**	**18**	**-**	**-**	**-**	**73**	**57**	*	**-**
Kline Township Cogen Facil (PA)	35,552	18	-	-	-	73	57	*	-
Northern Electric Power Co LP	**-**	**-**	**-**	**8,092**	**-**	**-**	**-**	**-**	**-**
Hudson Falls Hydroelectric Project (NY)	-	-	-	8,092	-	-	-	-	-
Northern Sun/ADM-Enderlin K80	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Enderlin (ND)	-	-	-	-	-		-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Northlake Energy	**-**	**-**	**36,018**	**-**	**-**	**-**	**-**	**-**	**9,157**
5 AC Station (IN)	-	-	36,018	-	-	-	-	-	9,157
Northwind Energy Inc	**-**	**-**	**-**	**-**	**-**	**1,410**	**-**	**-**	**-**
Northwind Energy Inc (CA)	-	-	-	-	-	1,410	-	-	-
Norwalk Harbor Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
NRG Norwalk Harbor Generating Stati (CT)	-		-	-	-	-	-	-	-
Novactis Pharmacueticals Corp	**-**	**-**	**1,222**	**-**	**-**	**-**	**-**	**-**	**22**
Novartis Pharmaceuticals (NJ)	-	-	1,222	-	-	-	-	-	22
NRG Energy Arthur Kill	**67,626**	**1**	**-**	**-**	**-**	**-**	**26**	**1**	**-**
Somerset Station (MA)	67,626	1	-	-	-	-	26	1	-
NRG Generating Newark	**-**	**-**	**30,672**	**-**	**-**	**-**	**-**	**-**	**293**
Calpine Newark Inc (NJ)	-	-	30,672	-	-	-	-	-	293
NRG Huntley Operations Inc	**311,493**	**840**	**-**	**-**	**-**	**-**	**122**	**1**	**-**
Huntley Generating Station (NY)	311,493	840	-	-	-	-	122	1	-
NRG Huntley Power LLC	**360,809**	**221**	**-**	**-**	**-**	**-**	**136**	**	**-**
Dunkirk Generating Station (NY)	360,809	221	-	-	-	-	136	*	-
NRG Montville Operations Inc	**-**	**23,654**	**1,029**	**-**	**-**	**-**	**-**	**45**	**12**
Montville Station (CT)	-	23,654	1,029	-	-	-	-	45	12
Oak Creek Energy System Inc II	**-**	**-**	**-**	**-**	**-**	**8,194**	**-**	**-**	**-**
Oak Creek Energy Systems Inc (CA)	-	-	-	-	-	8,194	-	-	-
O'Brien Biogas IV LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
O Brien Biogas IV LLC (NJ)	-	-	-	-	-	-	-	-	-
Occidental Chemical Corp	**-**	**-**	**137,884**	**-**	**-**	**-**	**-**	**-**	**1,346**
Deer Park Plant (TX)	-	-	-	-	-	-	-	-	-
Houston Chemical Complex Battlegrou (TX)	-	-	137,884	-	-	-	-	-	1,346
Ocean County Utilities Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bayville Central Facility (NJ)	-	-	-	-	-	-	-	-	-
Ocean State Power Co	**-**	**-**	**121,843**	**-**	**-**	**-**	**-**	**-**	**1,048**
Ocean State Power (RI)	-	-	121,843	-	-	-	-	-	1,048
Ocean State Power II	**-**	**-**	**117,152**	**-**	**-**	**-**	**-**	**-**	**1,002**
Ocean State Power II (RI)	-	-	117,152	-	-	-	-	-	1,002
Odgen Projects Inc-Hall	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**28**
Walter B Hall Resource Recovery Fac (OK)	-	-	-	-	-	-	-	-	28
Ogden Energy Group Inc-Stanisl	**-**	**114**	**-**	**-**	**-**	**-**	**-**	**	**-**
Hennepin Energy Resource Co LP (MN)	-	-	-	-	-	-	-	-	-
I 95 Energy Resource Recovery Facil (VA)	-	-	-	-	-	-	-	-	-
Stanislaus Resource Recovery Facili (CA)	-	114	-	-	-	-	-	*	-
Ogden Energy Group Inc-Warren	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Warren Energy Resource Co (NJ)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Babylon	**-**	**16**	**-**	**-**	**-**	**-**	**-**	**	**-**
Babylon Resource Recovery Facility (NY)	-	16	-	-	-	-	-	*	-
Ogden Projects Inc-Bristol	**-**	**-**	**46**	**-**	**-**	**-**	**-**	**-**	**1**
Bristol Resource Recovery Facility (CT)	-	-	46	-	-	-	-	-	1
Ogden Projects Inc-Haverhill	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
OHA Haverhill Mass Burn Waste to En	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Huntington	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Huntington Resource Recovery Facili (NY)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ogden Projects Inc-Lake County	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lake County Resource Recovery Facil (FL)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Marion	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ogden Martin Systems of Marion Inc (OR)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Onondaga	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Onondaga County Resource Recovery F	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Wallingford	**-**	**111**	**-**	**-**	**-**	**-**	**-**	*	**-**
Wallingford Resource Recovery Facil (CT)	-	111	-	-	-	-	-	*	-
Oildale Energy LLC	**-**	**-**	**27,835**	**-**	**-**	**-**	**-**	**-**	**277**
Oildale Cogen (CA)	-	-	27,835	-	-	-	-	-	277
Okeelanta Power LP	**-**	**187**	**-**	**-**	**-**	**41,704**	**-**	**1**	**-**
Okeelanta Power LP (FL)	-	187	-	-	-	41,704	-	1	-
Oklahoma State University	**-**	**-**	**1,014**	**-**	**-**	**-**	**-**	**-**	**45**
Oklahoma State University (OK)	-	-	1,014	-	-	-	-	-	45
Omaha City of	**-**	**-**	**449**	**-**	**-**	**557**	**-**	**-**	**6**
Missouri River Wastewater Treatment (NE)	-	-	13	-	-	340	-	-	*
Papillion Creek Wastewater Treatmen (NE)	-	-	436	-	-	217	-	-	6
Oneida County Industl Dev Agcy	**-**	**6**	**9,989**	**-**	**-**	**-**	**-**	*	**87**
Sterling Energy Facility (NY)	-	6	9,989	-	-	-	-	*	87
Orange Cogeneration LP	**-**	**-**	**30,699**	**-**	**-**	**-**	**-**	**-**	**219**
Orange Cogeneration Facility (FL)	-	-	30,699	-	-	-	-	-	219
Orion Power MidWest LP	**1,080,771**	**6,965**	**8,533**	**-**	**-**	**-**	**475**	**12**	**99**
Avon Lake (OH)	338,187	608	-	-	-	-	149	1	-
Brunot Island (PA)	-	77	8,533	-	-	-	-	*	99
Cheswick (PA)	315,268	5,755	-	-	-	-	126	10	-
Elrama (PA)	192,666	318	-	-	-	-	92	1	-
New Castle (PA)	122,327	118	-	-	-	-	58	*	-
Niles (OH)	112,323	89	-	-	-	-	52	*	-
Orion Power New York	**-**	**54,436**	**244,122**	**110,309**	**-**	**-**	**-**	**100**	**2,879**
Allens Falls (NY)	-	-	-	1,051	-	-	-	-	-
Astoria Generating Station (NY)	-	53,825	220,333	-	-	-	-	97	2,454
Beardslee (NY)	-	-	-	1,930	-	-	-	-	-
Belfort (NY)	-	-	-	843	-	-	-	-	-
Bennetts Bridge (NY)	-	-	-	3,882	-	-	-	-	-
Black River (NY)	-	-	-	608	-	-	-	-	-
Blake (NY)	-	-	-	2,465	-	-	-	-	-
Browns Falls (NY)	-	-	-	1,963	-	-	-	-	-
Chasm (NY)	-	-	-	1,230	-	-	-	-	-
Colton (NY)	-	-	-	9,558	-	-	-	-	-
Deferiet (NY)	-	-	-	814	-	-	-	-	-
E J West (NY)	-	-	-	4,429	-	-	-	-	-
Eagle (NY)	-	-	-	2,718	-	-	-	-	-
East Norfolk (NY)	-	-	-	534	-	-	-	-	-
Eel Weir (NY)	-	-	-	85	-	-	-	-	-
Effley (NY)	-	-	-	1,171	-	-	-	-	-
Elmer (NY)	-	-	-	206	-	-	-	-	-
Ephratah (NY)	-	-	-	326	-	-	-	-	-
Five Falls (NY)	-	-	-	2,855	-	-	-	-	-
Flat Rock (NY)	-	-	-	568	-	-	-	-	-
Franklin (NY)	-	-	-	406	-	-	-	-	-
Fulton (NY)	-	-	-	337	-	-	-	-	-
Glenwood (NY)	-	-	-	472	-	-	-	-	-
Gowanus Gas Turbines (NY)	-	553	1,167	-	-	-	-	2	26
Granby (NY)	-	-	-	183	-	-	-	-	-
Hannawa (NY)	-	-	-	2,462	-	-	-	-	-
Herrings (NY)	-	-	-	377	-	-	-	-	-
Heuvelton (NY)	-	-	-	100	-	-	-	-	-
High Falls (NY)	-	-	-	1,774	-	-	-	-	-
Higley (NY)	-	-	-	1,423	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hydraulic Race (NY)	-	-	-	1,330	-	-	-	-	-
Inghams (NY)	-	-	-	1,082	-	-	-	-	-
Johnsonville (NY)	-	-	-	268	-	-	-	-	-
Kamargo (NY)	-	-	-	424	-	-	-	-	-
Lighthouse Hill (NY)	-	-	-		-	-	-	-	-
Macomb (NY)	-	-	-	307	-	-	-	-	-
Minetto (NY)	-	-	-	779	-	-	-	-	-
Moshier (NY)	-	-	-	3,812	-	-	-	-	-
Narrows Bay (NY)	-	58	22,622	-	-	-	-	*	398
Norfolk (NY)	-	-	-	606	-	-	-	-	-
Norwood (NY)	-	-	-	355	-	-	-	-	-
Oswego Fall West (NY)	-	-	-		-	-	-	-	-
Oswego Falls East (NY)	-	-	-	835	-	-	-	-	-
Parishville (NY)	-	-	-	277	-	-	-	-	-
Piercefield (NY)	-	-	-	131	-	-	-	-	-
Prosepect (NY)	-	-	-	1,802	-	-	-	-	-
Rainbow Falls (NY)	-	-	-	3,857	-	-	-	-	-
Raymondville (NY)	-	-	-	311	-	-	-	-	-
School Street (NY)	-	-	-	5,953	-	-	-	-	-
Schuylerville (NY)	-	-	-	199	-	-	-	-	-
Sewalls (NY)	-	-	-	257	-	-	-	-	-
Sherman Island (NY)	-	-	-	6,901	-	-	-	-	-
Soft Maple (NY)	-	-	-	2,772	-	-	-	-	-
South Colton (NY)	-	-	-	2,299	-	-	-	-	-
South Edwards (NY)	-	-	-	967	-	-	-	-	-
Spier Falls (NY)	-	-	-	8,361	-	-	-	-	-
Stark (NY)	-	-	-	3,723	-	-	-	-	-
Stewarts Bridge (NY)	-	-	-	8,982	-	-	-	-	-
Sugar Island (NY)	-	-	-	789	-	-	-	-	-
Talcville (NY)	-	-	-		-	-	-	-	-
Taylorville (NY)	-	-	-	1,910	-	-	-	-	-
Trenton Falls (NY)	-	-	-	4,475	-	-	-	-	-
Varick (NY)	-	-	-	792	-	-	-	-	-
Waterport (NY)	-	-	-	748	-	-	-	-	-
Yaleville (NY)	-	-	-	235	-	-	-	-	-
Orlando CoGen Ltd LP	**-**	**-**	**73,598**	**-**	**-**	**-**	**-**	**-**	**592**
Orlando CoGen LP (FL)	-	-	73,598	-	-	-	-	-	592
Ormesa Geothermal	**-**	**-**	**-**	**-**	**-**	**9,407**	**-**	**-**	**-**
Ormesa I (CA)	-	-	-	-	-	9,407	-	-	-
Ormesa Geothermal 1H Trust	**-**	**-**	**-**	**-**	**-**	**5,132**	**-**	**-**	**-**
Ormesa 1H (CA)	-	-	-	-	-	5,132	-	-	-
Ormesa Geothermal II	**-**	**-**	**-**	**-**	**-**	**9,435**	**-**	**-**	**-**
Ormesa Geothermal II (CA)	-	-	-	-	-	9,435	-	-	-
Oswego Harbor Power LLC	**-**	**-**	**-2,709**	**-**	**-**	**-**	**-**	**-**	**20**
Oswego Harbor Power (NY)	-	-	-2,709	-	-	-	-	-	20
Oxbow Geothermal Corp	**-**	**-**	**-**	**-**	**-**	**40,492**	**-**	**-**	**-**
Oxbow Geothermal Corp Dixie Valley (NV)	-	-	-	-	-	40,492	-	-	-
Oxbow Power of Beowawe	**-**	**-**	**-**	**-**	**-**	**8,396**	**-**	**-**	**-**
Oxbow Power of Beowawe Inc (NV)	-	-	-	-	-	8,396	-	-	-
Oxbow Power-N Tonawanda NY Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Oxbow Power of North Tonawanda New	-	-		-	-	-	-	-	-
Oxnard City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Oxnard Wastewater Treatment Plant (CA)	-	-	-	-	-	-	-	-	-
Oyster Creek Ltd	**-**	**-**	**226,001**	**-**	**-**	**-**	**-**	**-**	**2,425**
Oyster Creek Unit VIII (TX)	-	-	226,001	-	-	-	-	-	2,425
P H Glatfelter Co	**26,155**	**464**	**-**	**-**	**-**	**34,308**	**20**	**1**	**-**
P H Glatfelter Co (PA)	26,155	464	-	-	-	34,308	20	1	-
Pacific Lumber Co	**-**	**-**	**-**	**-**	**-**	**17,304**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
The Pacific Lumber Co (CA)	-	-	-	-	-	17,304	-	-	-
Pacific Oroville Power Co	**-**	**-**	**-**	**-**	**-**	**11,763**	**-**	**-**	**-**
Pacific Oroville Power Inc (CA)	-	-	-	-	-	11,763	-	-	-
Pacific Ultrapower Chinese	**-**	**-**	**-**	**-**	**-**	**9,365**	**-**	**-**	**-**
Ultrapower Chinese Station (CA)	-	-	-	-	-	9,365	-	-	-
Pacific West I	**-**	**-**	**-**	**-**	**-**	**646**	**-**	**-**	**-**
Pacific West (CA)	-	-	-	-	-	646	-	-	-
Palmer Hydroelectric	**-**	**-**	**-**	**12,579**	**-**	**-**	**-**	**-**	**-**
Curtis Palmer Hydroelectric (NY)	-	-	-	12,579	-	-	-	-	-
Panda Energy International Inc	**-**	**-**	**442,880**	**-**	**-**	**-**	**-**	**-**	**3,113**
Lamar Power Project (TX)	-	-	442,880	-	-	-	-	-	3,113
Panda-Brandywine LP	**-**	**-**	**57,290**	**-**	**-**	**-**	**-**	**-**	**464**
Panda Brandywine LP (MD)	-	-	57,290	-	-	-	-	-	464
Panda-Rosemary LP	**-**	**-**	**22,208**	**-**	**-**	**-**	**-**	**-**	**206**
Panda Rosemary LP (NC)	-	-	22,208	-	-	-	-	-	206
Panther Creek Partners	**55,588**	**125**	**-**	**-**	**-**	**-**	**51**	*****	**-**
Panther Creek Energy Facility (PA)	55,588	125	-	-	-	-	51	*	-
Parkedale Pharmaceuticals Inc	**-**	**-**	**2,060**	**-**	**-**	**-**	**-**	**-**	**34**
Parkedale Pharmaceuticals Inc (MI)	-	-	2,060	-	-	-	-	-	34
Pasadena Cogeneration LP	**-**	**-**	**407,797**	**-**	**-**	**-**	**-**	**-**	**3,012**
Pasadena Power Plant (TX)	-	-	407,797	-	-	-	-	-	3,012
Pasco Cogen Ltd	**-**	**-**	**44,528**	**-**	**-**	**-**	**-**	**-**	**357**
Pasco Cogen Ltd (FL)	-	-	44,528	-	-	-	-	-	357
Pasco County	**-**	**-**	**40**	**-**	**-**	**-**	**-**	**-**	*****
Pasco County Solid Waste Resource R (FL)	-	-	40	-	-	-	-	-	*
Pawtucket Power Associates LP	**-**	**507**	**3,987**	**-**	**-**	**-**	**-**	**1**	**35**
Pawtucket Power Associates (RI)	-	507	3,987	-	-	-	-	1	35
PCS Phosphate	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
PCS Phosphate Company Inc e k a Tex (NC)	-	-	-	-	-	-	-	-	-
Pedricktown Cogeneration LP	**-**	**-**	**6,108**	**-**	**-**	**-**	**-**	**-**	**49**
Pedricktown Cogeneration Plant (NJ)	-	-	6,108	-	-	-	-	-	49
PEI Power Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Archbald Power Station (PA)	-	-	-	-	-	-	-	-	-
Pekin Paperboard Co LP	**-**	**-**	**879**	**-**	**-**	**-**	**-**	**-**	**28**
Pekin Paperboard Co (IL)	-	-	879	-	-	-	-	-	28
Penobscot Energy Recovery Co	**-**	**522**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
Penobscot Energy Recovery Co (ME)	-	522	-	-	-	-	-	1	-
Penobscot Hydro LLC	**-**	**-**	**-**	**10,595**	**-**	**-**	**-**	**-**	**-**
Ellsworth Hydro Station (ME)	-	-	-	576	-	-	-	-	-
Howland Hydro Station (ME)	-	-	-	68	-	-	-	-	-
Medway Hydro Station (ME)	-	-	-	2,744	-	-	-	-	-
Milford Hydro Station (ME)	-	-	-	3,055	-	-	-	-	-
Stillwater Hydro Station (ME)	-	-	-	525	-	-	-	-	-
Veazie Hydro Station (ME)	-	-	-	3,627	-	-	-	-	-
Phelps Dodge Corp	**-**	**194**	**-**	**-**	**-**	**-**	**-**	**10**	**-**
Chino Mines Co (NM)	-	-	-	-	-	-	-	-	-
Phelps Dodge Cobre Mining Co (NM)	-	-	-	-	-	-	-	-	-
Phelps Dodge Tyrone Inc (NM)	-	194	-	-	-	-	-	10	-
Pilgrim Nuclear Power Station	**-**	**-**	**-**	**-**	**461,774**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Pilgrim Nuclear Power Station (MA)	-	-	-	-	461,774	-	-	-	-
PIMA County Wastewater Manage	**-**	**-**	**1,275**	**-**	**-**	**351**	**-**	**-**	**16**
INA Road Water Pollution Control Fa (AZ)	-	-	1,275	-	-	351	-	-	16
Pinellas County Solid Waste	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pinellas County Resource Recovery (FL)	-	-	-	-	-	-	-	-	-
Pinetree Power Fitchburg Inc	**-**	**-**	**-**	**-**	**-**	**10,067**	**-**	**-**	**-**
Pinetree Power Fitchburg Inc (MA)	-	-	-	-	-	10,067	-	-	-
Pinetree Power Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pinetree Power Inc (NH)	-	-	-	-	-		-	-	-
Pinetree Power Tamworth Inc	**-**	**-**	**-**	**-**	**-**	**14,100**	**-**	**-**	**-**
Pinetree Power Tamworth Inc (NH)	-	-	-	-	-	14,100	-	-	-
Pittsfield Generating Co LP	**-**	**9**	**86,949**	**-**	**-**	**-**	**-**	*****	**767**
Pittsfield Generating Co LP (MA)	-	9	86,949	-	-	-	-	*	767
PMCC Leasing Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Greater Detroit Resource Recovery F (MI)	-	-	-	-	-	-	-	-	-
Polk Power Partners LP	**-**	**-**	**34,659**	**-**	**-**	**-**	**-**	**-**	**271**
Mulberry Cogeneration Facility (FL)	-	-	34,659	-	-	-	-	-	271
Port Townsend Paper Co	**-**	**1,363**	**-**	**144**	**-**	**3,526**	**-**	**16**	**-**
Port Townsend Paper Corp (WA)	-	1,363	-	144	-	3,526	-	16	-
Portland City of	**-**	**-**	**-**	**-29**	**-**	**-**	**-**	**-**	**-**
Portland Hydroelectric Project (OR)	-	-	-	-29	-	-	-	-	-
Portside Energy Corp	**-**	**-**	**32,454**	**-**	**-**	**-**	**-**	**-**	**381**
Portside Energy (IN)	-	-	32,454	-	-	-	-	-	381
POSDEF Power Co LP	**28,912**	**3,520**	**-**	**-**	**-**	**-**	**12**	**1**	**-**
Port of Stockton District Energy Fa (CA)	28,912	3,520	-	-	-	-	12	1	-
Potlatch Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Potlatch Corp Arkansas Pulp Paper B (AR)	-	-	-	-	-	-	-	-	-
Potlatch Corp Idaho Pulp Paper Boar (ID)	-	-	-	-	-	-	-	-	-
Potlatch Corp Minnesota Pulp Paper (MN)	-	-	-	-	-	-	-	-	-
Potlatch Corp Minnesota Wood Produc	-	-	-	-	-		-	-	-
Potlatch Corp Southern Wood Product (AR)	-	-	-	-	-		-	-	-
Potomac Power Resources	**-**	**3,170**	**-**	**-**	**-**	**-**	**-**	**10**	**-**
Benning (DC)	-	3,363	-	-	-	-	-	10	-
Buzzard Point (DC)	-	-193	-	-	-	-	-	-	-
Power City Partners LP	**-**	**918**	**2,827**	**-**	**-**	**-**	**-**	**4**	**33**
Massena Power Plant (NY)	-	918	2,827	-	-	-	-	4	33
Power Development Co Inc	**-**	**-**	**141,363**	**-**	**-**	**-**	**-**	**-**	**995**
Berkshire Power (MA)	-	-	141,363	-	-	-	-	-	995
PowerSmith Cogeneratn Proj LP	**-**	**-**	**75,010**	**-**	**-**	**-**	**-**	**-**	**654**
PowerSmith Cogen Project (OK)	-	-	75,010	-	-	-	-	-	654
PP&L Montana LLC	**1,432,839**	**1,487**	**584**	**206,943**	**-**	**-**	**872**	**3**	**2**
Black Eagle (MT)	-	-	-	8,612	-	-	-	-	-
Cochrane (MT)	-	-	-	15,264	-	-	-	-	-
Colstrip (MT)	1,326,068	1,487	495	-	-	-	804	3	1
Corette (MT)	106,771	-	89	-	-	-	68	-	1
Hauser (MT)	-	-	-	7,872	-	-	-	-	-
Holter (MT)	-	-	-	15,591	-	-	-	-	-
Kerr (MT)	-	-	-	63,344	-	-	-	-	-
Madison (MT)	-	-	-	4,502	-	-	-	-	-
Morony (MT)	-	-	-	15,354	-	-	-	-	-
Mystic (MT)	-	-	-	3,627	-	-	-	-	-
Rainbow (MT)	-	-	-	15,668	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ryan (MT)	-	-	-	26,736	-	-	-	-	-
Thompson Falls (MT)	-	-	-	30,373	-	-	-	-	-
PPG Industries Inc	**74,376**	**-**	**239,202**	**-**	**-**	**-**	**38**	**-**	**2,890**
Natrium Plant (WV)	74,376	-	-	-	-	-	38	-	-
Powerhouse A (LA)	-	-	7,612	-	-	-	-	-	158
PPG Powerhouse C (LA)	-	-	175,415	-	-	-	-	-	2,226
PPG Riverside (LA)	-	-	56,175	-	-	-	-	-	507
PPL Corp	**1,738,260**	**63,484**	**24,915**	**18,776**	**1,583,552**	**-**	**665**	**129**	**328**
PPL Brunner Island LLC (PA)	896,157	544	-	-	-	-	341	1	-
PPL Hollwood LLC-Wallenpaupak (PA)	-	-	-	12,472	-	-	-	-	-
PPL Holtwood, LLC (PA)	-	-	-	6,304	-	-	-	-	-
PPL Martin Creek LLC -Harwood (PA)	-	-	-	-	-	-	-	-	-
PPL Martin Creek LLC- Williamsport (PA)	-	1	-	-	-	-	-	*	-
PPL Martin Creek LLC-West Shore (PA)	-	30	-	-	-	-	-	*	-
PPL Martins Creek LLC (PA)	108,471	59,101	24,915	-	-	-	53	120	328
PPL Martins Creek LLC- Lock Haven (PA)	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC-Allentown (PA)	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC-Harrisbury (PA)	-	1,846	-	-	-	-	-	5	-
PPL Martins Creek, LLC - Fishbach (PA)	-	-	-	-	-	-	-	-	-
PPL Martins Creek, LLC - Harwood (PA)	-	-	-	-	-	-	-	-	-
PPL Montour LLC (PA)	733,632	1,962	-	-	-	-	271	3	-
PPL Susquehanna LLC (PA)	-	-	-	-	1,583,552	-	-	-	-
Premcor Refining Group Inc	**-**	**-**	**29,205**	**-**	**-**	**-**	**-**	**-**	**1,126**
Port Arthur Refinery (TX)	-	-	29,205	-	-	-	-	-	1,126
Primary Childrens Medical Cntr	**-**	**-**	**723**	**-**	**-**	**-**	**-**	**-**	**6**
Primary Childrens Medical Center (UT)	-	-	723	-	-	-	-	-	6
Primary Power International	**-**	**-**	**-**	**-**	**-**	**10,049**	**-**	**-**	**-**
Lyonsdale Power Co LLC (NY)	-	-	-	-	-	10,049	-	-	-
Prime Energy LP	**-**	**-**	**42,181**	**-**	**-**	**-**	**-**	**-**	**421**
Prime Energy LP (NJ)	-	-	42,181	-	-	-	-	-	421
Procter & Gamble Co	**-**	**-**	**46,015**	**-**	**-**	**-**	**-**	**-**	**616**
Mehoopany (PA)	-	-	14,631	-	-	-	-	-	193
Oxnard (CA)	-	-	31,384	-	-	-	-	-	423
Project Orange Associates LP	**-**	**-**	**14,162**	**-**	**-**	**-**	**-**	**-**	**178**
Project Orange Associates LP (NY)	-	-	14,162	-	-	-	-	-	178
PSEG Power LLC	**497,317**	**16,285**	**772,989**	**-**	**2,318,099**	**-**	**200**	**34**	**6,043**
Albany (NY)	-	-	7,606	-	-	-	-	-	98
Bayonne (NJ)	-	-	-	-	-	-	-	-	-
Bergen (NJ)	-	-	580,265	-	-	-	-	-	3,896
Burlington (NJ)	-	1,111	33,479	-	-	-	-	3	445
Edison (NJ)	-	-	4,157	-	-	-	-	-	41
Essex (NJ)	-	-	12,108	-	-	-	-	-	92
Hope Creek (NJ)	-	-	-	-	737,734	-	-	-	-
Hudson (NJ)	261,145	-	16,837	-	-	-	108	-	210
Kearny (NJ)	-	7,052	23,461	-	-	-	-	16	227
Linden (NJ)	-	8,123	40,300	-	-	-	-	15	356
Mercer (NJ)	236,172	-	27,231	-	-	-	92	-	273
Salem Unit 1 & 2 (NJ)	-	-1	-	-	1,580,365	-	-	*	-
Sewaren (NJ)	-	-	27,545	-	-	-	-	-	404
Purdue University	**12,682**	**30**	**50**	**-**	**-**	**-**	**14**	*	**1**
Purdue University (IN)	12,682	30	50	-	-	-	14	*	1
Questar Gas Management Co	**-**	**5**	**386**	**-**	**-**	**-**	**-**	*	**4**
Blacks Fork Gas Processing Plant (WY)	-	5	386	-	-	-	-	*	4
R J Reynolds Tobacco Co	**39,673**	**-**	**219**	**-**	**-**	**-**	**15**	**-**	**1**
Tobaccoville Utility Plant (NC)	39,673	-	219	-	-	-	15	-	1
Rayonier Inc	**-**	**36,985**	**14,123**	**-**	**-**	**187,474**	**-**	**57**	**75**
Rayonier Fernandina Mill (FL)	-	2,016	-	-	-	12,969	-	27	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Rayonier Jesup Mill (GA)	-	34,969	14,123	-	-	174,505	-	30	75
Regional Waste Systems	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Regional Waste Systems GPRRP (ME)	-	-	-	-	-	-	-	-	-
Reliance Energy Power Gen Inc	**-**	**-**	**56,943**	**-**	**-**	**-**	**-**	**-**	**741**
Sabine Cogeneration (TX)	-	-	56,943	-	-	-	-	-	741
Reliant Energy Coolwater LLC	**-**	**-**	**832,914**	**-**	**-**	**-**	**-**	**-**	**8,212**
Coolwater Generating Station (CA)	-	-	231,756	-	-	-	-	-	2,237
Ellwood Generating Station (CA)	-	-	-	-	-	-	-	-	-
Etiwanda Generating Station (CA)	-	-	102,057	-	-	-	-	-	1,198
Mandalay Generating Station (CA)	-	-	99,377	-	-	-	-	-	933
Ormond Beach Generating Station (CA)	-	-	399,724	-	-	-	-	-	3,843
Reliant Energy Power Gen Inc	**-**	**-**	**12,154**	**-**	**-**	**-**	**-**	**-**	**117**
Reliant Energy Shelby County (IL)	-	-	12,154	-	-	-	-	-	117
Resource Technology Corp	**-**	**-**	**-**	**-**	**-**	**10,283**	**-**	**-**	**-**
Biodyne Pontiac (IL)	-	-	-	-	-	10,283	-	-	-
Rhodia Inc	**-**	**-**	**21**	**-**	**-**	**-**	**-**	**-**	*****
Martinez Regen Sulfuric Acid Plant (CA)	-	-	21	-	-	-	-	-	*
Ridge Generating Station LP	**-**	**-**	**-**	**-**	**-**	**13,372**	**-**	**-**	**-**
Ridge Generating Station (FL)	-	-	-	-	-	13,372	-	-	-
Ridgetop Energy LLC	**-**	**-**	**-**	**-**	**-**	**11,691**	**-**	**-**	**-**
Ridgetop Energy LLC (CA)	-	-	-	-	-	11,691	-	-	-
Ridgetop Energy LLC II	**-**	**-**	**-**	**-**	**-**	**2,586**	**-**	**-**	**-**
Ridgetop Energy LLC II (CA)	-	-	-	-	-	2,586	-	-	-
Ridgewood Providence Power PLP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ridgewood Providence Power Partners (RI)	-	-	-	-	-	-	-	-	-
Rio Bravo Fresno	**-**	**-**	**-**	**-**	**-**	**9,312**	**-**	**-**	*****
Rio Bravo Fresno (CA)	-	-	-	-	-	9,312	-	-	*
Rio Bravo Poso	**13,054**	**11,665**	**181**	**-**	**-**	**-**	**6**	**5**	**1**
Rio Bravo Poso (CA)	13,054	11,665	181	-	-	-	6	5	1
Rio Bravo Rocklin	**-**	**-**	**534**	**-**	**-**	**15,903**	**-**	**-**	**5**
Rio Bravo Rocklin (CA)	-	-	534	-	-	15,903	-	-	5
Ripon Cogeneration Inc-Ripon	**-**	**-**	**25,804**	**-**	**-**	**-**	**-**	**-**	**250**
Ripon Mill (CA)	-	-	25,804	-	-	-	-	-	250
Riverside Canal Power Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Riverside Canal Power Co (CA)	-	-	-	-	-	-	-	-	-
Riverwood International Corp	**-**	**-**	**7,189**	**-**	**-**	**18,139**	**-**	**-**	**404**
Plant 31 Paper Mill (LA)	-	-	7,189	-	-	18,139	-	-	404
Riverwood Internatl USA Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Riverwood International USA Inc (GA)	-	-	-	-	-	-	-	-	-
Roche Vitamins	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Roche Vitamins Inc (NJ)	-	-		-	-	-	-	-	-
Rocky Road Power LLC	**-**	**-**	**5,321**	**-**	**-**	**-**	**-**	**-**	**64**
Rocky Road Power LLC (IL)	-	-	5,321	-	-	-	-	-	64
Rolls Royce Corp	**-**	**-**	**212**	**-**	**-**	**1,375**	**-**	**-**	**4**
Rolls Royce Corp (IN)	-	-	212	-	-	1,375	-	-	4
Roseburg Forest Products Co	**-**	**-**	**2,506**	**-**	**-**	**14,216**	**-**	**-**	**72**
Dillard Complex (OR)	-	-	2,506	-	-	14,216	-	-	72
Rumford Power Associates LP	**-**	**-**	**157,978**	**-**	**-**	**-**	**-**	**-**	**1,148**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Rumford Power Associates (MA)	-	-	157,978	-	-	-	-	-	1,148
Ryegate Associates	**-**	**-**	**-**	**-**	**-**	**14,847**	**-**	**-**	**-**
Ryegate Power Station (VT)	-	-	-	-	-	14,847	-	-	-
S D Warren Co	**27,949**	**82**	**1,002**	**96**	**-**	**20,567**	**23**	*****	**20**
S D Warren Co 1 Muskegon (MI)	19,767	-	1,002	-	-	2,147	16	-	20
S D Warren Co 2 (ME)	8,182	82	-	96	-	18,420	7	*	-
S&L Cogeneration Co	**-**	**-**	**24,638**	**-**	**-**	**-**	**-**	**-**	**370**
S&L Cogeneration (TX)	-	-	24,638	-	-	-	-	-	370
Saguaro Power Co	**-**	**-**	**64,800**	**-**	**-**	**-**	**-**	**-**	**594**
Saguaro Power Co (NV)	-	-	64,800	-	-	-	-	-	594
Salton Sea 4/Fish Lake Pwr Gen	**-**	**-**	**-**	**-**	**-**	**28,596**	**-**	**-**	**-**
Salton Sea Unit 4 (CA)	-	-	-	-	-	28,596	-	-	-
Salton Sea Power Generatn LP 1	**-**	**-**	**-**	**-**	**-**	**6,427**	**-**	**-**	**-**
Salton Sea Unit 1 (CA)	-	-	-	-	-	6,427	-	-	-
Salton Sea Power Generatn LP 2	**-**	**-**	**-**	**-**	**-**	**3,610**	**-**	**-**	**-**
Salton Sea Unit 2 (CA)	-	-	-	-	-	3,610	-	-	-
Salton Sea Power Generatn LP 3	**-**	**-**	**-**	**-**	**-**	**29,245**	**-**	**-**	**-**
Salton Sea Unit 3 (CA)	-	-	-	-	-	29,245	-	-	-
San Diego City of	**-**	**-**	**-**	**-**	**-**	**2,803**	**-**	**-**	**-**
Gas Utilization Facility (CA)	-	-	-	-	-	2,803	-	-	-
San Gorgonio Wind Farms Inc	**-**	**-**	**-**	**-**	**-**	**7,229**	**-**	**-**	**-**
San Gorgonio Farms Wind Energy Powe	-	-	-	-	-	7,229	-	-	-
San Joaquin Cogen Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
San Joaquin Cogen (CA)	-	-		-	-	-	-	-	-
Santa Fe Snyder Oil Corp	**-**	**-**	**2,955**	**-**	**-**	**-**	**-**	**-**	**35**
Beaver Creek Gas Plant (WY)	-	-	2,955	-	-	-	-	-	35
SAPPI	**-**	**14,254**	**-**	**-**	**-**	**55,333**	**-**	**64**	**-**
Somerset Plant (ME)	-	14,254	-	-	-	55,333	-	64	-
Saranac Power Partners LP	**-**	**-**	**164,824**	**-**	**-**	**-**	**-**	**-**	**1,438**
Saranac Facility (NY)	-	-	164,824	-	-	-	-	-	1,438
Schuylkill Energy Resource Inc	**62,407**	**-**	**-**	**-**	**-**	**-**	**104**	**-**	**-**
St Nicholas Cogeneration Project (PA)	62,407	-	-	-	-	-	104	-	-
Scott Wood Inc	**-**	**-**	**-**	**-**	**-**	**25**	**-**	**-**	**-**
Scott Wood Inc 2 (VA)	-	-	-	-	-	25	-	-	-
Scrubgrass Generating Co LP	**60,027**	**-**	**-**	**-**	**-**	**-**	**55**	**-**	**-**
Scrubgrass Generating Company LP (PA)	60,027	-	-	-	-	-	55	-	-
SDS Lumber Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gorge Energy Div SDS Lumber Co (WA)	-	-	-	-	-	-	-	-	-
Seawest Windpower Inc	**-**	**-**	**-**	**-**	**-**	**4,310**	**-**	**-**	**-**
Altech III (CA)	-	-	-	-	-	4,310	-	-	-
Second Imperial Geothermal Co	**-**	**-**	**-**	**-**	**-**	**25,972**	**-**	**-**	**-**
Second Imperial Geothermal Co SIGC (CA)	-	-	-	-	-	25,972	-	-	-
SEI Wisconsin LLC	**-**	**-**	**30,077**	**-**	**-**	**-**	**-**	**-**	**350**
SEI Wisconsin Neenah Plant (IN)	-	-	30,077	-	-	-	-	-	350
Selkirk Cogen Partners LP	**-**	**-**	**234,481**	**-**	**-**	**-**	**-**	**-**	**2,090**
Selkirk Cogen Partners LP (NY)	-	-	234,481	-	-	-	-	-	2,090
SEMASS Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
SEMASS Resource Recovery Facility (MA)	-	-	-	-	-	-	-	-	-
Seneca Energy	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Seneca Energy (NY)	-	-	-	-	-	-	-	-	-
Seneca Power Partners LP	**-**	**11**	**6,837**	**-**	**-**	**-**	**-**	*****	**59**
Seneca Power Partners LP (NY)	-	11	6,837	-	-	-	-	*	59
SERRF Joint Powers Authority	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Southeast Resource Recovery (CA)	-	-	-	-	-	-	-	-	-
SF Phosphates Ltd Co	**-**	**-**	**2,086**	**-**	**-**	**-**	**-**	**-**	**28**
SF Phosphates Ltd Co (WY)	-	-	2,086	-	-	-	-	-	28
Shawmut Bank	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Ref Fuel Co of Delaware Va (PA)	-	-	-	-	-	-	-	-	-
Shell Oil Co-Deer Park	**-**	**-**	**143,416**	**-**	**-**	**-**	**-**	**-**	**3,655**
Shell Deer Park (TX)	-	-	143,416	-	-	-	-	-	3,655
Sierra Pacific Industries Inc	**-**	**-**	**-**	**-**	**-**	**47,240**	**-**	**-**	**-**
Burney Facility (CA)	-	-	-	-	-	12,135	-	-	-
Loyalton Facility (CA)	-	-	-	-	-	7,695	-	-	-
Quincy Facility (CA)	-	-	-	-	-	17,721	-	-	-
Susanville Facility (CA)	-	-	-	-	-	9,689	-	-	-
Simplot Leasing Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Don Plant (ID)	-	-	-	-	-	-	-	-	-
Simpson Paper Co	**-**	**-**	**-**	**859**	**-**	**-**	**-**	**-**	**-**
Gilman Mill (VT)	-	-	-	859	-	-	-	-	-
Sinclair Oil Corp	**-**	**-**	**629**	**-**	**-**	**-**	**-**	**-**	**6**
Sinclair Oil Refinery (WY)	-	-	629	-	-	-	-	-	6
Sithe New England Holdings LLC	**-**	**69,486**	**197,759**	**-**	**-**	**-**	**-**	**138**	**2,190**
Sithe Edgar LLC (MA)	-		-	-	-	-	-	-	-
Sithe Framingham LLC (MA)	-	219	-	-	-	-	-	1	-
Sithe Medway LLC (MA)	-	58	-	-	-	-	-	*	-
Sithe Mystic LLC (MA)	-	69,209	88,303	-	-	-	-	137	1,075
Sithe New Boston LLC (MA)	-	-	109,456	-	-	-	-	-	1,115
Sithe New Jersey Holdings LLC	**2,276,552**	**9,182**	**55,754**	**1,947**	**-**	**-**	**883**	**21**	**612**
Blossburg (PA)	-	-	6,275	-	-	-	-	-	57
Conemaugh (PA)	820,819	24	716	-	-	-	309	*	7
Deep Creek (MD)	-	-	-	692	-	-	-	-	-
Gilbert (NJ)	-	804	35,093	-	-	-	-	2	362
Glenn Gardner (NJ)	-	-	1,523	-	-	-	-	-	26
Hamilton (PA)	-	106	-	-	-	-	-	*	-
Hunterstown (PA)	-	-	1,059	-	-	-	-	-	13
Keystone (PA)	920,242	2,607	-	-	-	-	343	4	-
Mountain (PA)	-	22	8	-	-	-	-	1	1
Ortanna (PA)	-	-18	-	-	-	-	-	-	-
Piney (PA)	-	-	-	1,255	-	-	-	-	-
Portland (PA)	163,887	4,374	425	-	-	-	67	9	5
Sayreville (NJ)	-	-633	-	-	-	-	-	-	-
Seward (PA)	47,729	463	-	-	-	-	21	1	-
Shawnee (PA)	-	-13	-	-	-	-	-	-	-
Shawville (PA)	203,206	861	-	-	-	-	95	2	-
Titus (PA)	90,522	432	-2	-	-	-	38	1	*
Tolna (PA)	-	491	-	-	-	-	-	1	-
Warren (PA)	30,147	87	10,657	-	-	-	10	*	140
Wayne (PA)	-	-58	-	-	-	-	-	-	-
Werner (NJ)	-	-367	-	-	-	-	-	-	-
Sithe/Independence Pwr Part LP	**-**	**-**	**474,457**	**-**	**-**	**-**	**-**	**-**	**3,474**
Sithe Independence Station (NY)	-	-	474,457	-	-	-	-	-	3,474
Sky River Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sky River Partnership (CA)	-	-	-	-	-		-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Sloss Industries Inc	-	-	-	-	-	-	-	-	-
Sloss Industries Corp (AL)	-	-	-	-	-	-	-	-	-
Smith Falls Hydropower	-	-	-	21	-	-	-	-	-
Smith Falls Hydroelectric Project (ID)	-	-	-	21	-	-	-	-	-
Soda Lake Ltd Partnership	-	-	-	-	-	5,213	-	-	-
Soda Lake Geothermal No I II (NV)	-	-	-	-	-	5,213	-	-	-
Solid Waste Auth of Palm Beach	-	-	-	-	-	-	-	-	-
North County Regional Resource Reco (FL)	-	-	-	-	-	-	-	-	-
South Eastern Elec Devel Corp	-	-	819	-	-	-	-	-	11
So Eastern Electric Development Cor (AL)	-	-	819	-	-	-	-	-	11
Southeast Missouri State Univ	-	-	-	-	-	-	-	-	-
Southeast Missouri State University (MO)	-	-	-	-	-	-	-	-	-
Southeast Paper Mfg Co Inc	-	-	-	-	-	-	-	-	-
SP Newsprint Co (GA)	-	-	-	-	-	-	-	-	-
Southern Calif Sunbelt Devel	-	-	-	-	-	1,204	-	-	-
Edom Hill (CA)	-	-	-	-	-	1,204	-	-	-
Southern Energy Co	-	2,093	591,126	-	-	-	-	5	6,234
Contra Costa Power (CA)	-	-	194,960	-	-	-	-	-	1,940
Pittsburg Power (CA)	-	-	350,804	-	-	-	-	-	3,793
Potrero Power (CA)	-	2,093	45,362	-	-	-	-	5	501
Southern Energy New York	166,801	10,422	84,162	10,580	-	-	69	18	912
Bowline Point (NY)	-	10,303	65,396	-	-	-	-	18	715
Grahamsville (NY)	-	-	-	10,301	-	-	-	-	-
Hillburn (NY)	-	-	50	-	-	-	-	-	1
Lovett (NY)	166,801	119	18,705	-	-	-	69	*	196
Mongaup (NY)	-	-	-	105	-	-	-	-	-
Rio (NY)	-	-	-	132	-	-	-	-	-
Shoemaker (NY)	-	-	11	-	-	-	-	-	1
Swinging Bridge 2 (NY)	-	-	-	42	-	-	-	-	-
Swinging Bridge I (NY)	-	-	-	-	-	-	-	-	-
Southern Energy Wichita Falls	-	-	5,993	-	-	-	-	-	52
Southern Energy Wichita Falls LP (TX)	-	-	5,993	-	-	-	-	-	52
Spokane City of	-	-	-	-	-	-	-	-	-
Wheelabrator Spokane Inc (WA)	-	-	-	-	-	-	-	-	-
Springfield Water & Sewer Comm	30,654	274	-	-	-	-	13	*	-
Mt Tom (MA)	30,654	274	-	-	-	-	13	*	-
St Laurent Paper Products Co	7,884	7,350	-	-	-	35,878	11	37	-
St Laurent Paper Products Corp (VA)	7,884	7,350	-	-	-	35,878	11	37	-
Star Enterprises	-	10,461	38,419	-	-	-	-	71	6,902
Delaware City Plant (DE)	-	10,461	38,419	-	-	-	-	71	6,902
Star Group IE Geothermal Partn	-	-	-	-	-	5,167	-	-	-
Ormesa 1 E Facility (CA)	-	-	-	-	-	5,167	-	-	-
Star Group Stillwater I	-	-	-	-	-	3,566	-	-	-
Stillwater Facility (NV)	-	-	-	-	-	3,566	-	-	-
State Farm Mutual Auto Ins Co	-	23	-	-	-	-	-	*	-
State Farm Ins Co ISC Central (TX)	-	-	-	-	-	-	-	-	-
State Farm Insurance Co ISC East (GA)	-	23	-	-	-	-	-	*	-
State Line Energy LLC	262,045	-	-	-	-	-	129	-	-
State Line Energy LLC (IN)	262,045	-	-	-	-	-	129	-	-
State of Wisconsin	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Capitol Heat and Power Plant (WI)	-	-	-	-	-	-	-	-	-
Waupun Correctional Inst Central Ge (WI)	-	-	-	-	-	-	-	-	-
State Street Bank & Trust Co	**-**	**-**	**712,227**	**-**	**-**	**-**	**-**	**-**	**6,194**
Midland Cogeneration Venture (MI)	-	-	712,227	-	-	-	-	-	6,194
Steamboat Development Corp	**-**	**-**	**-**	**-**	**-**	**17,490**	**-**	**-**	**-**
Steamboat II (NV)	-	-	-	-	-	9,128	-	-	-
Steamboat III (NV)	-	-	-	-	-	8,362	-	-	-
Stockton Cogen Co	**35,210**	**-**	**-**	**-**	**-**	**-**	**10**	**7**	**-**
Stockton CoGen Co (CA)	35,210	-	-	-	-	-	10	7	-
Stone Container Corp	**6,485**	**2,341**	**16,615**	**-**	**-**	**79,922**	**11**	**32**	**624**
Hodge Louisiana (LA)	-	-	15,017	-	-	27,793	-	-	493
Stone Container Corp Coshocton Mill (OH)	-	-	930	-	-	7,431	-	-	35
Stone Container Corp Florence Mill (SC)	-	-	-	-	-	-	-	-	-
Stone Container Corp Hopewell Mill (VA)	5,383	585	-	-	-	22,658	6	3	-
Stone Container Corp Missoula Mill (MT)	-	-	519	-	-	3,910	-	-	80
Stone Container Corp Panama City Mi (FL)	1,102	1,756	149	-	-	18,130	5	30	15
Storm Lake Power PartnerII LLC	**-**	**-**	**-**	**-**	**-**	**147,895**	**-**	**-**	**-**
Storm Lake II (IA)	-	-	-	-	-	147,895	-	-	-
Sumas Cogeneration Co LP	**-**	**-**	**90,370**	**-**	**-**	**-**	**-**	**-**	**713**
Sumas Cogeneration Co LP (WA)	-	-	90,370	-	-	-	-	-	713
Sumpter Energy Associates	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sumpter Energy Associates (MI)	-	-	-	-	-	-	-	-	-
Sunbury Generation LLC	**163,456**	**9**	**-**	**-**	**-**	**-**	**118**	*****	**-**
Sunbury Generation LLC (PA)	163,456	9	-	-	-	-	118	*	-
Sunnyside Cogeneration Assoc	**31,295**	**-**	**-**	**-**	**-**	**-**	**41**	**-**	**-**
Sunnyside Cogeneration Associates (UT)	31,295	-	-	-	-	-	41	-	-
Sunray Energy Inc	**-**	**-**	**585**	**-**	**-**	**801**	**-**	**-**	**6**
SEGS I (CA)	-	-	585	-	-	801	-	-	6
Sweeny Cogeneration LP	**-**	**-**	**272,493**	**-**	**-**	**-**	**-**	**-**	**3,258**
Sweeny Cogeneration Facility (TX)	-	-	272,493	-	-	-	-	-	3,258
Sycamore Cogeneration Co	**-**	**-**	**218,062**	**-**	**-**	**-**	**-**	**-**	**2,595**
Sycamore Cogeneration Co (CA)	-	-	218,062	-	-	-	-	-	2,595
Tampa City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
McKay Bay Facility (FL)	-	-	-	-	-	-	-	-	-
Tampa Dept of Sanitary Sewers	**-**	**-**	**-**	**-**	**-**	**1,128**	**-**	**-**	**-**
City of Tampa Howard F Curren AWT P	-	-	-	-	-	1,128	-	-	-
Tapoco Inc	**-**	**-**	**-**	**96,960**	**-**	**-**	**-**	**-**	**-**
Calderwood (TN)	-	-	-	39,200	-	-	-	-	-
Cheoah (NC)	-	-	-	34,628	-	-	-	-	-
Chilhowee (TN)	-	-	-	10,863	-	-	-	-	-
Santeetlah (NC)	-	-	-	12,269	-	-	-	-	-
Temple-Inland Forest Prod Corp	**-**	**-**	**-**	**-**	**-**	**43,143**	**-**	**-**	**-**
Temple Inland Forest Prod Corp Blea (TX)	-	-	-	-	-	43,143	-	-	-
Tenaska Frontier Partners Ltd	**-**	**-**	**348,359**	**-**	**-**	**-**	**-**	**-**	**2,503**
Tenaska Frontier Generation Station (TX)	-	-	348,359	-	-	-	-	-	2,503
Tenaska III Inc	**-**	**5**	**127,481**	**-**	**-**	**-**	**-**	*****	**1,081**
Tenaska III Texas Partners (TX)	-	5	127,481	-	-	-	-	*	1,081
Tenaska IV Texas Partners Ltd	**-**	**-**	**155,713**	**-**	**-**	**-**	**-**	**-**	**1,205**
Tenaska IV Texas Partners Ltd Clebu (TX)	-	-	155,713	-	-	-	-	-	1,205
Tenaska Washington Inc	**-**	**22**	**106,556**	**-**	**-**	**-**	**-**	*****	**852**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Tenaska Washington Partners LP (WA)	-	22	106,556	-	-	-	-	*	852
Tenneco Packaging	**3,949**	**1,377**	**749**	**1,463**	**-**	**34,779**	**13**	**13**	**43**
Packaging Corp of America Tomahawk	2,038	-	3	1,463	-	6,985	9	-	*
Packaging Corp of America (TN)	1,911	1,377	746	-	-	27,794	5	13	43
Tennessee Eastman Co	**101,469**	**-**	**1,267**	**-**	**-**	**-**	**123**	**-**	**62**
Tenn Eastman Div a Div of Eastman C (TN)	101,469	-	1,267	-	-	-	123	-	62
TES Filer City Station LP	**3,782**	**-**	**-**	**-**	**-**	**345**	**21**	**-**	**-**
TES Filer City Station (MI)	3,782	-	-	-	-	345	21	-	-
Thermal Energy Dev Partner L/P	**-**	**-**	**-**	**-**	**-**	**12,274**	**-**	**-**	**-**
Tracy Biomass Plant (CA)	-	-	-	-	-	12,274	-	-	-
Thermo Cogeneration Partner LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TCP 122 (CO)	-	-		-	-	-	-	-	-
TCP 150 (CO)	-	-		-	-	-	-	-	-
Thermo Power & Electric Inc	**-**	**-**	**47,957**	**-**	**-**	**-**	**-**	**-**	**333**
Thermo Power Electric Inc (CO)	-	-	47,957	-	-	-	-	-	333
Thomson Corp	**-**	**103**	**-**	**-**	**-**	**-**	**-**	*	**-**
West Group Generator Building (MN)	-	103	-	-	-	-	-	*	-
TIFD VIII-W Inc	**73,150**	**-**	**-**	**-**	**-**	**-**	**57**	**-**	**-**
Colver Power Project (PA)	73,150	-	-	-	-	-	57	-	-
Timber Energy Resources Inc	**-**	**-**	**-**	**-**	**-**	**7,056**	**-**	**-**	**-**
Timber Energy Resources Inc (FL)	-	-	-	-	-	7,056	-	-	-
Tiverton Power Associates LP	**-**	**-**	**160,849**	**-**	**-**	**-**	**-**	**-**	**1,092**
Tiverton Power Associates LP (RI)	-	-	160,849	-	-	-	-	-	1,092
Tomen Power Corp	**-**	**-**	**-**	**-**	**-**	**6,592**	**-**	**-**	**-**
Viking Windfarm II (CA)	-	-	-	-	-	6,592	-	-	-
Tosco Corp-Wilmington	**-**	**-**	**33,662**	**-**	**-**	**-**	**-**	**-**	**293**
Los Angeles Refinery Wilmington Pla (CA)	-	-	33,662	-	-	-	-	-	293
TPC 3/5 Inc	**-**	**-**	**-**	**-**	**-**	**11,401**	**-**	**-**	**-**
Mojave 3 (CA)	-	-	-	-	-	5,867	-	-	-
Mojave 5 (CA)	-	-	-	-	-	5,534	-	-	-
TPC 4 Inc	**-**	**-**	**-**	**-**	**-**	**6,631**	**-**	**-**	**-**
Mojave 4 (CA)	-	-	-	-	-	6,631	-	-	-
Transalta Centralia Mining LLC	**976,093**	**122**	**10,827**	**-**	**-**	**-**	**618**	*	**120**
Transalta Centralia Generation LLC (WA)	976,093	122	10,827	-	-	-	618	*	120
Trigen-Cinergy Sol-Tuscola LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Tuscola Station (IL)		-	-	-	-	-	-	-	-
Trigen-Nassau Energy Corp	**-**	**-**	**38,485**	**-**	**-**	**-**	**-**	**-**	**376**
Trigen Nassau Energy Corp (NY)	-	-	38,485	-	-	-	-	-	376
Trigen-Philadelphia Engy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Schuylkill Station Turbine Generato (PA)	-	-	-	-	-	-	-	-	-
Tropicana Products Inc	**-**	**-**	**25,822**	**-**	**-**	**-**	**-**	**-**	**257**
Tropicana Products Inc Bradenton Co (FL)	-	-	25,822	-	-	-	-	-	257
TXU Generation Co, LLC	**3,256,002**	**8,369**	**2,132,94**	**-**	**1,514,897**	**-**	**2,657**	**18**	**21,508**
Big Brown (TX)	670,466	-	1,701	-	-	-	499	-	22
Collin (TX)	-	248	4,675	-	-	-	-	1	73
Comanche Peak (TX)	-	-	-	-	1,514,897	-	-	-	-
De Cordova (TX)	-	396	290,396	-	-	-	-	1	2,421
Eagle Mountain (TX)	-	-	115,366	-	-	-	-	-	1,591
Encogen One (TX)	-	-	89,012	-	-	-	-	-	767
Graham (TX)	-	1	79,512	-	-	-	-	*	826

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Lake Creek (TX)	-	2	24,872	-	-	-	-	*	288
Lake Hubbard (TX)	-	60	259,041	-	-	-	-	*	2,741
Martin Lake (TX)	1,101,318	3,665	-	-	-	-	922	7	-
Monticello (TX)	1,129,596	1,269	-	-	-	-	941	3	-
Morgan Creek (TX)	-	105	192,241	-	-	-	-	*	2,058
North Lake (TX)	-	180	138,389	-	-	-	-	*	1,593
North Main (TX)	-	-	12,127	-	-	-	-	-	166
Parkdale (TX)	-	-	40,807	-	-	-	-	-	560
Permian Basin (TX)	-	-	233,383	-	-	-	-	-	2,386
River Crest (TX)	-	-	-72	-	-	-	-	-	*
Sandow (TX)	354,622	1,443	-	-	-	-	295	3	-
Stryker Creek (TX)	-	30	112,840	-	-	-	-	*	740
Tradinghouse Creek (TX)	-	963	320,008	-	-	-	-	2	3,367
Trinidad (TX)	-	-	28,325	-	-	-	-	-	307
Valley (TX)	-	7	190,320	-	-	-	-	*	1,604
U S Agri Chemicals Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
U S Agri Chemicals Corp Fort Meade (FL)	-	-	-	-	-	-	-	-	-
U S Alliance Corp	**4,210**	**-**	**-**	**-**	**-**	**1,593**	**12**	**-**	**-**
U S Alliance Coosa Pines (AL)	4,210	-	-	-	-	1,593	12	-	-
U S Borax Inc	**-**	**-**	**27,250**	**-**	**-**	**-**	**-**	**-**	**360**
U S Borax Inc (CA)	-	-	27,250	-	-	-	-	-	360
U S Gen New England Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bear Swamp (MA)	-	-	-		-	-	-	-	-
Bellows FLS (VT)	-	-	-		-	-	-	-	-
Brayton Pt (MA)	-	-	-	-	-	-	-	-	-
Comerford (NH)	-	-	-		-	-	-	-	-
Deerfield 2 (MA)	-	-	-		-	-	-	-	-
Deerfield 3 (MA)	-	-	-		-	-	-	-	-
Deerfield 4 (MA)	-	-	-		-	-	-	-	-
Deerfield 5 (MA)	-	-	-		-	-	-	-	-
Fife Brook (MA)	-	-	-		-	-	-	-	-
Harriman (VT)	-	-	-		-	-	-	-	-
Manchester St (RI)	-	-	-	-	-	-	-	-	-
Mcindoes (NH)	-	-	-		-	-	-	-	-
S C Moore (NH)	-	-	-		-	-	-	-	-
Salem Harbor (MA)	-	-	-	-	-	-	-	-	-
Searsburg (VT)	-	-	-		-	-	-	-	-
Sherman (MA)	-	-	-		-	-	-	-	-
Vernon (VT)	-	-	-		-	-	-	-	-
Wilder (VT)	-	-	-		-	-	-	-	-
U S Navy-Public Works Center	**-**	**180**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
SPSA Power Plant (VA)	-	180	-	-	-	-	-	1	-
U S Trust Co of California	**34,404**	**-**	**208**	**-**	**-**	**-**	**54**	**-**	**8**
Argus Cogen Plant (CA)	34,404	-	208	-	-	-	54	-	8
Union Camp Corp	**29,913**	**7,867**	**26,397**	**-**	**-**	**75,905**	**33**	**36**	**464**
Eastover Facility (SC)	4,737	2,772	-	-	-	38,161	10	16	-
International Paper Co (AL)	2,719	2,151	3,256	-	-	37,744	6	11	166
International Paper Co Savannah (GA)	-	-	-	-	-	-	-	-	-
Printing & Communication Papers Fra (VA)	22,457	2,944	23,141	-	-	-	17	9	298
Union Carbide Corp-Seadrift	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Seadrift Plant Union Carbide Corp (TX)	-	-		-	-	-	-	-	-
Union Carbide Corp-Taft	**-**	**-**	**144,375**	**-**	**-**	**-**	**-**	**-**	**1,733**
Taft Plant Union Carbide Corp (LA)	-	-	144,375	-	-	-	-	-	1,733
Union Carbide Corp-Texas City	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Texas City Plant Union Carbide Corp (TX)	-	-		-	-	-	-	-	-
Union County Utilities Auth	**-**	**-**	**101**	**-**	**-**	**-**	**-**	**-**	**5**
Union County Resource Recovery Faci (NJ)	-	-	101	-	-	-	-	-	5
Union Electric Develop Corp	**-**	**-**	**17,842**	**-**	**-**	**-**	**-**	**-**	**198**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Gibson City (IL)	-	-	690	-	-	-	-	-	10
Pinckneyville (IL)	-	-	17,152	-	-	-	-	-	188
Union Oil Co of California	**-**	**-**	**33,095**	**-**	**-**	**-**	**-**	**-**	**367**
Tosco Refining Co (CA)	-	-	33,095	-	-	-	-	-	367
Union Pacific Resources Co	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**17**
East Texas Gas Plant (TX)	-	-	2	-	-	-	-	-	17
United Development Grp-Niagara	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CH Resources Niagara (NY)	-	-	-	-	-	-	-	-	-
United States Sugar Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bryant Sugar House (FL)	-	-	-	-	-	-	-	-	-
Clewiston Sugar House (FL)	-	-	-	-	-	-	-	-	-
University of California-LA	**-**	**-**	**22,548**	**-**	**-**	**-**	**-**	**-**	**290**
UCLA South Campus Central Chiller C	-	-	22,548	-	-	-	-	-	290
University of Iowa	**7,933**	**3**	**115**	**-**	**-**	**750**	**10**	*****	**4**
University of Iowa Main Power Plant (IA)	7,933	3	115	-	-	750	10	*	4
University of Michigan	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
University of Michigan (MI)	-	-	-	-	-	-	-	-	-
University of Missouri	**12,708**	**-**	**4,034**	**-**	**-**	**224**	**11**	**-**	**84**
University of Missouri Columbia Pow (MO)	12,708	-	4,034	-	-	224	11	-	84
University of North Carolina	**4,636**	**-**	**224**	**-**	**-**	**-**	**7**	**-**	**9**
UNC Chapel Hill Congeneration Facil (NC)	4,636	-	224	-	-	-	7	-	9
University of Oregon	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
University of Oregon Central Power (OR)	-	-	-	-	-	-	-	-	-
University of Texas at Austin	**-**	**-**	**28,723**	**-**	**-**	**-**	**-**	**-**	**339**
University of Texas at Austin (TX)	-	-	28,723	-	-	-	-	-	339
USX Corp	**-**	**316**	**85,006**	**-**	**-**	**-**	**-**	*****	**7,654**
Gary Works (IN)	-	316	85,006	-	-	-	-	*	7,654
USX Corp-Fairfield Works	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fairfield Works (AL)	-	-		-	-	-	-	-	-
USX Corp-Mon Valley	**-**	**-**	**34,678**	**-**	**-**	**-**	**-**	**-**	**5,656**
Mon Valley Works (PA)	-	-	34,678	-	-	-	-	-	5,656
Valero Refining Co-Houston	**-**	**10,965**	**21,594**	**-**	**-**	**-**	**-**	**5**	**387**
Valero Refinery (TX)	-	10,965	21,594	-	-	-	-	5	387
Vermillion Generating Stat LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Vermillion Generating Station (IN)	-	-		-	-	-	-	-	-
Victory Garden Phase IV Part	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Victory Garden Phase IV (CA)	-	-	-	-	-		-	-	-
Viking Energy Corp	**-**	**-**	**-**	**-**	**-**	**36,091**	**-**	**-**	**-**
Viking Energy of Lincoln (MI)	-	-	-	-	-	12,109	-	-	-
Viking Energy of McBain (MI)	-	-	-	-	-	12,078	-	-	-
Viking Energy of Northumberland (PA)	-	-	-	-	-	11,904	-	-	-
Vineland Cogeneration LP	**-**	**-**	**10,620**	**-**	**-**	**-**	**-**	**-**	**89**
Vineland Cogeneration Plant (NJ)	-	-	10,620	-	-	-	-	-	89
Vintage Petroleum Inc	**-**	**-**	**-**	**-**	**-**	**454**	**-**	**-**	**-**
Flomaton Treating Facility (AL)	-	-	-	-	-	454	-	-	-
VMSO IV Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cabazon Wind Farm (CA)	-	-	-	-	-		-	-	-
Vulcan Materials Co	**-**	**-**	**54,785**	**-**	**-**	**-**	**-**	**-**	**735**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Geismar Plant (LA)	-	-	54,785	-	-	-	-	-	735
Vulcan/BN Geothermal Power Co	**-**	**-**	**-**	**-**	**-**	**24,042**	**-**	**-**	**-**
Vulcan (CA)	-	-	-	-	-	24,042	-	-	-
Wadham Energy Ltd Partners	**-**	**-**	**40**	**-**	**-**	**14,594**	**-**	**-**	*
Wadham Energy LP (CA)	-	-	40	-	-	14,594	-	-	*
Washington State University	**-**	**-**	**346**	**-**	**-**	**-**	**-**	**-**	**21**
Washington State University (WA)	-	-	346	-	-	-	-	-	21
Weirton Steel Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Weirton Steel Corp (WV)	-	-	-	-	-	-	-	-	-
Wellesley College	**-**	**-**	**3,250**	**-**	**-**	**-**	**-**	**-**	**34**
Wellesley College Utility Plant (MA)	-	-	3,250	-	-	-	-	-	34
West Georgia Generating Co LP	**-**	**-**	**37,093**	**-**	**-**	**-**	**-**	**-**	**392**
West Georgia Generating Co (TX)	-	-	37,093	-	-	-	-	-	392
West Texas Wind Energy Partner	**-**	**-**	**-**	**-**	**-**	**12,173**	**-**	**-**	**-**
West Texas Wind Energy LLC (TX)	-	-	-	-	-	12,173	-	-	-
Westchester County IDA	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Westchester Resco (NY)	-	-	-	-	-	-	-	-	-
Westmoreland-LG&E Partners	**164,573**	**-**	**-**	**-**	**-**	**-**	**62**	**-**	**-**
Westmoreland LG&E Partners Roanoke	129,654	-	-	-	-	-	47	-	-
	34,919						14		
Westvaco Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Covington Facility (VA)	-	-	-	-	-	-	-	-	-
Luke Mill (MD)	-	-	-	-	-	-	-	-	-
Westward Seafoods Inc	**-**	**2,639**	**-**	**-**	**-**	**-**	**-**	**4**	**-**
Westward Seafoods Inc (AK)	-	2,639	-	-	-	-	-	4	-
Westwind Trust	**-**	**-**	**-**	**-**	**-**	**2,565**	**-**	**-**	**-**
Westwind Trust (CA)	-	-	-	-	-	2,565	-	-	-
Westwood Energy Properties	**7,507**	**1,050**	**-**	**-**	**-**	**-**	**14**	**4**	**-**
Westwood Generating Station (PA)	7,507	1,050	-	-	-	-	14	4	-
Weyerhaeuser Co	**1,302**	**10,797**	**20,054**	**-**	**-**	**132,348**	**2**	**68**	**958**
Columbus MS (MS)	-	739	2,495	-	-	46,377	-	3	45
Cosmopolis WA (WA)	-	1,902	-	-	-	7,960	-	9	-
Flint River Operations (GA)	-	630	-	-	-	13,527	-	5	-
Longview WA (WA)	1,302	168	3,542	-	-	17,498	2	1	157
New Bern NC (NC)	-	4,065	-	-	-	15,694	-	25	-
Springfield Oregon (OR)	-	-	3,451	-	-	11,600	-	-	265
Valliant OK (OK)	-	3,293	10,566	-	-	19,692	-	25	492
Weyhaeuser Co-Plymouth	**8,932**	**7,430**	**-**	**-**	**-**	**37,491**	**11**	**39**	**-**
Plymouth NC (NC)	8,932	7,430	-	-	-	37,491	11	39	-
Wheelabrator Environmental Sys	**15,000**	**8,221**	**25,586**	**-**	**-**	**54,813**	**33**	**38**	**243**
Baltimore Refuse Energy Systems Co (MD)	-	-	-	-	-	-	-	-	-
Bridgeport Resco (CT)	-	-	-	-	-	-	-	-	-
Concord Facility (NH)	-	-	-	-	-	-	-	-	-
Hudson (CA)	-	-	471	-	-	3,915	-	-	7
Massachusetts Refusetech Inc (MA)	-	-	-	-	-	-	-	-	-
Millbury Facility (MA)	-	-	-	-	-	-	-	-	-
Norwalk (CA)	-	-	11,147	-	-	-	-	-	103
Saugus Resco (MA)	-	-	-	-	-	-	-	-	-
Sherman Energy Facility (ME)	-	-	-	-	-	12,364	-	-	-
Wheelabrator Claremont (NH)	-	-	-	-	-	-	-	-	-
Wheelabrator Gloucester Co LP (NJ)	-	-	-	-	-	-	-	-	-
Wheelabrator Lassen Inc (CA)	-	-	13,968	-	-	-	-	-	133
Wheelabrator North Broward (FL)	-	-	-	-	-	-	-	-	-
Wheelabrator Shasta (CA)	-	-	-	-	-	38,534	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Wheelabrator South Broward (FL)	-	-	-	-	-	-	-	-	-
Wheeler Frackville Energy Co Inc (PA)	15,000	8,221	-	-	-	-	33	38	-
Wheelabrator Falls Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Wheelabrator Falls Inc (PA)	-	-	-	-	-	-	-	-	-
Wheelabrator Martell Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Wheelabrator Martell Inc (CA)	-	-	-	-	-	-	-	-	-
White Springs Agr Chemical Inc	**-**	**795**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
Suwannee River Chem Complex (FL)	-	-	-	-	-	-	-	-	-
Swift Creek Chemical Complex (FL)	-	795	-	-	-	-	-	2	-
Whitefield Power & Light Co	**-**	**-**	**-**	**-**	**-**	**7,379**	**-**	**-**	**-**
Whitefield Power & Light Co (NH)	-	-	-	-	-	7,379	-	-	-
Willamette Industries Inc	**455**	**-**	**-**	**-**	**-**	**9,114**	**4**	**-**	**-**
Willamette Industries Kingsport Mil (TN)	455	-	-	-	-	9,114	4	-	-
Willamina Lumber Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Tillamook Lumber Co (OR)	-	-	-	-	-	-	-	-	-
Williamette Industries Inc	**9,272**	**38**	**20,042**	**-**	**-**	**32,781**	**10**	*	**384**
Albany Paper Mill (OR)	-	-	19,105	-	-	17,771	-	-	359
Johnsonburg Mill (PA)	9,272	38	937	-	-	15,010	10	*	25
Williams Field Services Co	**-**	**-**	**37,703**	**-**	**-**	**-**	**-**	**-**	**516**
Milagro Cogeneration Plant (NM)	-	-	37,703	-	-	-	-	-	516
Windland Inc	**-**	**-**	**-**	**-**	**-**	**1,991**	**-**	**-**	**-**
Windland Inc (CA)	-	-	-	-	-	1,991	-	-	-
Windpower Partners 1989 LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Montezuma Hills Windplant (CA)	-	-	-	-	-		-	-	-
Windpower Partners 1993 LP	**-**	**-**	**-**	**-**	**-**	**17,746**	**-**	**-**	**-**
Buffalo Ridge Windplant WPP 1993 (MN)	-	-	-	-	-	4,770	-	-	-
San Gorgonio Windplant WPP93 (CA)	-	-	-	-	-	9,430	-	-	-
West Texas Windplant (TX)	-	-	-	-	-	3,546	-	-	-
Wintec Energy Ltd	**-**	**-**	**-**	**-**	**-**	**3,966**	**-**	**-**	**-**
Wintec Energy Ltd (CA)	-	-	-	-	-	3,966	-	-	-
Wisvest-Connecticut LLC	**-**	**183,113**	**130**	**-**	**-**	**-**	**-**	**285**	**1**
Bridgeport Station (CT)	-	-	-	-	-	-	-	*	-
New Haven Harbor (CT)	-	183,113	130	-	-	-	-	285	1
Wood Products Division	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Emmett Power Co (ID)	-	-	-	-	-	-	-	-	-
Woodland Biomass Power Ltd	**-**	**-**	**365**	**-**	**-**	**14,035**	**-**	**-**	**4**
Woodland Biomass Power Ltd (CA)	-	-	365	-	-	14,035	-	-	4
Woodstock Hills LLC	**-**	**-**	**-**	**-**	**-**	**1,908**	**-**	**-**	**-**
Woodstock Windfarm (MN)	-	-	-	-	-	1,908	-	-	-
WPS New England Generation Inc	**-**	**-35**	**-**	**111**	**-**	**-**	**-**	*	**-**
Caribou Generation Station (ME)	-	-31	-	112	-	-	-	*	-
Flos Inn Generation Station (ME)	-	-4	-	-	-	-	-	*	-
Squa Pan Hydro Station (ME)	-	-	-	-1	-	-	-	-	-
Yadkin Inc	**-**	**-**	**-**	**3,781**	**-**	**-**	**-**	**-**	**-**
Falls (NC)	-	-	-	130	-	-	-	-	-
High Rock (NC)	-	-	-	1,096	-	-	-	-	-
Narrows (NC)	-	-	-	777	-	-	-	-	-
Tuckertown (NC)	-	-	-	1,778	-	-	-	-	-
Yankee Caithness Joint Vent LP	**-**	**-**	**-**	**-**	**-**	**6,568**	**-**	**-**	**-**
Steamboat Hills Geothermal Plant (NV)	-	-	-	-	-	6,568	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, September 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Yellowstone Energy LP	-	-	-	-	-	-	-	-	-
Yellowstone Energy LP (MT)	-	-	-	-	-	-	-	-	-
York Cogen Facility	-	-	**8,337**	-	-	-	-	-	**94**
York Cogen Facility (PA)	-	-	8,337	-	-	-	-	-	94
York County Solid W & R Auth	-	**127**	-	-	-	-	-	*	-
York County Resource Recovery Cente (PA)	-	127	-	-	-	-	-	*	-
Yuba City Cogen Partners LP	-	-	-	-	-	-	-	-	-
Yuba City Cogeneration Partners LP (CA)	-	-		-	-	-	-	-	-
Yuma Cogeneration Associates	-	-	**38,590**	-	-	-	-	-	**344**
Yuma Cogeneration Associates (AZ)	-	-	38,590	-	-	-	-	-	344
Zinc Corp of America	**56,020**	-	**82**	-	-	-	**25**	-	**1**
G F Weaton Power Station (PA)	56,020	-	82	-	-	-	25	-	1
Zond Systems Inc	-	-	-	-	-	-	-	-	-
251 Project (CA)	-	-	-	-	-		-	-	-
33 East 85-A (CA)	-	-	-	-	-		-	-	-
33 East 85-B (CA)	-	-	-	-	-		-	-	-
Mesa Wind Developers (ZPI) (CA)	-	-	-	-	-		-	-	-
Mesa Wind Developers (ZPII) (CA)	-	-	-	-	-		-	-	-
Painted Hills Wind Developers (CA)	-	-	-	-	-		-	-	-
Santa Clara (CA)	-	-	-	-	-		-	-	-

Notes: • Totals may not equal sum of components because of independent rounding. • Net generation for jointly owned units is reported by the operator. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Station losses include energy used for pumped storage. • Generation is included in plant test status. • Nuclear generation is included for those plants with an operating license issued authorizing fuel loading/low power testing prior to receipt of full power amendment. • Mcf = thousand cubic feet and bbls = barrels.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Appendix A

General Information

Articles

Feature articles on electric power energy-related subjects are sometimes included in this publication. The following articles and special focus items have appeared in previous issues.

June 1990	Petroleum Fuel-Switching Capability in the Electric Utility Industry
April 1991	U.S. Wholesale Electricity Transactions
April 1992	Electric Utility Demand-Side Management
April 1992	Nonutility Power Producers
August 1992	Performance Optimization and Repowering of Generating Units
February 1993	Improvement in Nuclear Power Plant Capacity Factors
October 1993	Municipal Solid Waste in the U.S. Energy Supply
November 1993	Electric Utility Demand-Side Management and Regulatory Effects
November 1994	The Impact of Flow Control and Tax Reform on Ownership and Growth in the U.S. Waste-to-Energy Industry
July 1995	Nonutility Electric Generation: Industrial Power Production
August 1995	Steam Generator Degradation and Its Impact on Continued Operation of Pressurized Water Reactors in the United States
September 1995	New Sources of Nuclear Fuel
November 1995	Relicensing and Environmental Issues Affecting Hydropower
May 1996	U.S. Electric Utility Demand-Side Management: Trends and Analysis
June 1996	Upgrading Transmission Capacity for Wholesale Electric Power Trade
May 1998	Reducing Nitrogen Oxide Emissions: 1996 Compliance with Title IV Limits

For additional information or questions regarding availability of article reprints, please contact the National Energy Information Center at (202)586-8800 or by FAX at (202)586-0727.

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Appendix B
Major Disturbances and Unusual Occurrences

This discussion was prepared for publication in the *Electric Power Monthly* by the Office of Energy Emergency Management (under the Office of Nonproliferation and National Security).

Electric power systems are subject to a variety of incidents that, to a smaller or greater degree, may adversely affect the delivery of electricity to consumers. Among these are natural phenomena (such as storms and earthquakes); failure of electric system components; accidental or purposeful activities inimical to continued safe operation of electric power systems; and, difficulties associated with the normal operation of large, extremely complex real-time systems.

Under current Federal regulations, some disturbances are reported to the Federal Government. The legal basis for the requirements and the specifications of information reported are detailed in Title 10, Part 205, Subpart W, of the *Code of Federal Regulations,* Sections 205.350—205.353, published in the *Federal Register* on October 31, 1986.

In general, the incidents to be reported are grouped into two categories: (1) mandatory in all cases; and (2) mandatory if the incident meets specified criteria, where the utility involved is permitted to exercise some judgment as to whether the criteria have been met. Underlying the formulation of the reporting criteria, requirements, and procedures was the need for the Federal Government to be aware of potentially dangerous situations, tempered by the desire to minimize burdens on the reporting utilities. Another consideration in the development of the rules was the benefit gained from knowledge of the causes and effects of undesired events that may have been caused by unforeseen system defects or by purposeful adverse actions to system design and operation. The final rules reflect modification of the preliminary rules, as published in the *Federal Register,* based on comments from the electric power industry and the general public.

A report is mandatory when, for the purpose of maintaining the continuity of the bulk power supply system, a utility, due to any equipment failure/system operational action or event, (1) initiates a system voltage reduction of 3 percent or more, (2) disconnects circuits supplying over 100 megawatts of firm customer load, (3) issues an appeal to the public for a voluntary reduction in the use of electricity, or (4) has existing or anticipated fuel supply emergency situations requiring abnormal use of a particular fuel with the potential to reduce supply or stocks if needed to maintain reliable electric service. A report is also mandatory in regard to any actual or suspected act of sabotage or terrorism directed at the bulk power supply system.

In general, reports are to be made by telephone to the Emergency Operating Center, Department of Energy, in Washington, DC, as soon as practicable for instances of load shedding or loss of service, and, at the last, within 3 hours of the beginning of a service interruption. For other disturbances, the allowable reporting time ranges from 24 hours to days. Written reports may be required by the Director, Office of Energy Emergency Management, if the circumstances so indicate.

The DOE is concerned that the operation of the bulk power system in the United States shall be as trouble free as possible. To that end, information is collected, as discussed above, regarding major disturbances to the normal functioning of that system. Events, such as damage to some local distribution circuits by storms or other uncontrollable events, while annoying to the customers affected, do not greatly affect the supply of bulk power to the system as a whole. These events are more properly the concern of local and State authorities. By collecting data on major incidents, the Department is able to monitor the bulk power supply and provide a focus on those matters that may need investigation.

Suggestions regarding the reporting requirements, regulations, procedures, or any other phase of the Power System Emergency Reporting elements are welcomed. Comments can be addressed to the Office of Energy Emergency Operations (NN-63), Department of Energy, 1000 Independence Avenue, SW, Washington, DC20585.

Table B1. Major Disturbances and Unusual Occurrences, 2002

Date	Utility/Power Pool (NERC Council)	Time	Area	Type of Disturbance	Loss (mega-watts)	Number of Customers Affected	Restoration Time
1/30/02	Oklahoma Gas & Electric (SPP)	6:00 am	Oklahoma	Ice Storm	500	1,881,134	12:00 pm, February 7
1/29/02	Kansas City Power & Light (SPP)	Evening	Metropolitan Kansas City Area	Ice Storm	500-600	270,000	NA
1/30/02	Missouri Public Service (SPP)	4:00 pm	Missouri	Ice Storm	210	95,000	9:00 pm, February 10
2/27/02	San Diego Gas & Electric (WSCC)	10:48 am	California	Interruption of Firm Load	300	255,000	11:35 am, February 27
3/09/02	Consumers Energy Co. (CECAR)	12:00 am	Lower Peninsula of Michigan	Severe Weather	190	190,000	12:00 pm, March 11
4/08/02	Arizona Public Service (WSCC)	3:00 pm	Arizona	Vandalism/ Insolators	None	None	April 9
7/09/02	Pacific Gas & Electric (WSCC)	12:27 pm	California	Interruption of Firm Power	240	1 PG&E	7:54 pm, July 9
7/19/02	Pacific Gas & Electric (WSCC)	11:51 am	California	Interruption of Firm Power (Unit Tripped)	240	1 PG&E	4:30 pm, July 19
7/20/02	Consolidated Edison Co. of New York (NPCC)	12:40 pm	New York	Fire	278	63,500	8:12 pm, July 20

Source: Emergency Operations Center, Form EIA-417R, "Electric Power System Emergency Report."

Appendix C

Technical Notes

Data Sources

The *Electric Power Monthly (EPM)* is prepared by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF), Energy Information Administration (EIA), U.S. Department of Energy. Data published in the EPM are compiled from the following data sources: Form EIA-759, "Monthly Power Plant Report," Form EIA-900, "Monthly Nonutility Power Report," FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," Form EIA-861, "Annual Electric Utility Report," Form EIA-860A, "Annual Electric Generator Report–Utility," Form EIA-860B, "Annual Electric Generator Report–Nonutility," and the Form EIA-906, "Power Plant Report (Regulated and Nonregulated).

Form EIA-759

The Form EIA-759 is a cutoff model sample of approximately 240 electric utilities drawn from the frame of all operators of electric utility plants (approximately 700 electric utilities) that generate electric power for public use. Data will be collected on an annual basis from the remaining operators of electric utility plants. The new monthly data collection is from all utilities with at least one plant with a nameplate capacity of 50 megawatts or more. (Note: includes all nuclear units). However, the few utilities that generate electricity using renewable fuel sources other than hydroelectric are all included in the sample. The Form EIA-759 is used to collect monthly data on net generation; consumption of coal, petroleum, and natural gas; and end-of-the-month stocks of coal and petroleum for each plant by fuel-type combination. Summary data from the Form EIA-759 are also contained in the *Electric Power Annual (EPA)*, *Monthly Energy Review (MER)*, and the *Annual Energy Review (AER)*. These reports present aggregate data estimates for electric utilities at the U.S., Census division, and North American Electric Reliability Council Region (NERC) levels.

Instrument and Design History. Prior to 1936, the Bureau of the Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry. In 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the FPC Form 4. The Federal Power Act, Sections 311 and 312, and FPC Order 141 define the legislative authority to collect power production data. The Form EIA-759 replaced the FPC Form 4 in January 1982. In January 1996, the Form EIA-759 was changed to collect data from a cutoff model sample of plants with a nameplate capacity of 25 megawatts or more. In January 1999, the Form EIA-759 was changed to collect data for a cutoff sample of plants with a nameplate capacity of 50 megawatts or more.

Data Processing. The Form EIA-759, along with a return envelope, is mailed to respondents approximately 4 working days before the end of the month. The completed forms are to be returned to the EIA by the 10th day after the end of the reporting month. After receipt, data from the completed forms are manually logged in and edited before being keypunched for automatic data processing. An edit program checks the data for errors not found during manual editing. The electric utilities are telephoned to obtain data in cases of missing reports and to verify data when questions arise during editing. After all forms are received from the respondents, the final automated edit is submitted. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. Following EIA approval of the *EPM*, the data are made available for public use, on a cost-recovery basis, through custom computer runs, data tapes, or in publications.

FERC Form 423

The Federal Energy Regulatory Commission (FERC) Form 423 is a monthly record of delivered-fuel purchases, submitted by approximately 230 electric utilities for each electric generating plant with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. Summary data from the FERC Form 423 are also contained in the *EPA, MER*, and the *Cost and Quality of Fuels for Electric Utility Plants – Annual.* These reports present aggregated data on electric utilities at the U.S., Census division, and State levels.

Instrument and Design History. On July 7, 1972, the FPC issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating the FPC Form 423. Originally, the form was used to collect data only on fossil-steam plants, but was amended in 1974 to include data on internal combustion and combustion turbines. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated

peaking units, which were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication were revised to reflect the new generator nameplate capacity threshold of 50 or more megawatts reported on the FERC Form 423. In January 1991, the collection of data on the FERC Form 423 was extended to include combined-cycle units. Historical data have not been revised to include these units. Starting with the January 1993 data, the FERC began to collect the data directly from the respondents.

Data Processing. The FERC processes the data through edits and each month provides the EIA with a diskette containing the data. The EIA reviews the data for accuracy. Beginning with May 1994 data, an additional quality check began in which coal data are compared with data prepared by Resource Data International, Inc., of Boulder, Colorado. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. After the *EPM* is cleared by the EIA, the data become available for public use, on a cost-recovery basis, through custom computer runs or in publications.

Form EIA-826

The Form EIA-826 is a monthly collection of data from approximately 340 of the largest primarily investor-owned and publicly owned electric utilities as well as a census of energy service producers with retail sales in deregulated States. A model is then applied to estimate for the entire universe of U.S. electric utilities. The electric power sales data are used by the Federal Reserve Board in their economic analyses.

Instrument and Design History. The collection of electric power sales, revenue, and income data began in the early 1940's and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA-826 replaced the FERC Form 5 in January 1983. In January 1987, the Form EIA-826 was changed to the "Monthly Electric Utility Sales and Revenue Report with State Distributions." It was formerly titled, "Electric Utility Company Monthly Statement." The Form EIA-826 was revised in January 1990, and some data elements were eliminated. In 1993, EIA for the first time used a model sample for the Form EIA-826. A stratified-random sample, employing auxiliary data, was used for each of the 4 previous years. (See previous issues of this publication, and (Knaub, 12) for details.) The current sample for the Form EIA-826, which was designed to obtain estimates of electricity sales and revenue per kilowatthour at the State level by end-use sector, was chosen to be in effect for the January 1993 data.

Frame. The frame for the Form EIA-826 was originally based on the 1989 submission of the Form EIA-861 (Section 1.4), which consisted of approximately 3,250 electric utilities selling retail and/or sales for resale. Note that for the Form EIA-826, the EIA is only interested in retail sales. Updates have been made to the frame to reflect mergers that affect data processing. Some electric utilities serve in more than one State. Thus, the State-service area is actually the sampling unit. For each State served by each utility, there is a utility State-part, or "State-service area." This approach allows for an explicit calculation of estimates for sales, revenue, and revenue per kilowatthour by end-use sector (residential, commercial, industrial and other) at State, Census division, and the U.S. level. Regressor data came from the Form EIA-861. (Note that estimates at the "State level" are for sales for the entire State, and similarly for "Census division" and "U.S." levels.)

The preponderance of electric power sales to ultimate consumers in each State are made by a few large utilities. Ranking of electric utilities by retail sales on a State-by-State basis revealed a consistent pattern of dominance by a few electric utilities in nearly all 50 States and the District of Columbia. These dominant electric utilities were selected as a model sample. These electric utilities constitute about 8 percent of the population of U.S. electric utilities, but provide three-quarters of the total U.S. retail electricity sales. The procedures used to derive electricity sales, revenue, revenue per kilowatthour, and associated relative standard error (RSE) estimates are provided in the Form EIA-826 subsection of the Formulas Data Section. See (Knaub, 12) for a study of RSE estimates for this survey. In 2001, EIA began collecting from a census of investor-owned utilities for the EIA-826, based upon the prior-year EIA-861 frame. The model-based sampling now applies only to the municipal, cooperative, and Federally-owned utilities.

Data Processing. The forms are mailed each year to the electric utilities with State-parts selected in the sample. The completed form is to be returned to the EIA by the last calendar day of the month following the reporting month. Nonrespondents are telephoned to obtain the data. Imputation, in model sampling, is an implicit part of the estimation. That is, data that are not available, either because it was not part of the sample or because the data are missing, are estimated using a model. The data are edited and entered into the computer where additional checks are completed. After all forms have been received from the respondents, the final automated edit is submitted. Following verification, tables and text of the

aggregated data are produced for inclusion in the EPM. After the *EPM* receives clearance from the EIA, the data are made available for public use through custom computer runs, data tapes, or in publications (*EPA, AER*) on a cost-recovery basis.

Form EIA-900

The Form EIA-900, "Monthly Nonutility Power Report," is a cutoff model sample drawn from the frame for the Form EIA-860B, "Annual Electric Generator Report – Nonutility." Members of the Form EIA-860B frame with nameplate capacity greater than or equal to 50 megawatts constitute the sample for the Form EIA-900. The Form EIA-900 currently is used to collect monthly data on net generation; consumption of coal, petroleum, and natural gas; and end-of-the month stocks of coal and petroleum.

Instrument and Design History. The Form EIA-900 was implemented to collect monthly data, starting with January 1996. The reason for its inception was to fill, in part, a "data gap" that existed on a monthly basis when comparing utility sales to end users (from the Form EIA-826) with utility generation (from the Form EIA-759). This data gap occurred because utility sales data include electricity purchased from nonutilities and because of other factors such as transmission losses and imports/exports. In light of sampling and nonsampling error, a more complete description of events may be gleaned by including results based on the Form EIA-900.

Data Processing. The Form EIA-900 is mailed to all operating Form EIA-860B respondent facilities with more than 50 megawatts of total operating capacity. In 1996, there were approximately 380 respondents for the Form EIA-900. Data submission is allowed by Internet e-mail, postal mail, telephone or facsimile (FAX) transmission. In the near future, the EIA plans to allow touchtone data entry. At first submission, the number for the one datum element collected is compared to a previously submitted number, through the use of an interactive edit. Later, batch edits are applied. One edit is used to compare total sales, generation, line losses and imports/exports to determine if the results are reasonable. Another edit is applied on an individual, annual basis, to compare 12 month totals for the Form EIA-900 submissions to the corresponding Form EIA-860B submissions.

Form EIA-861

The Form EIA-861 is a mandatory census of electric utilities in the United States. The survey is used to collect information on power production and sales data from approximately 3,250 electric utilities. The data collected are used to maintain and update the EIA's electric utility frame data base. This data base supports queries from the Executive Branch, Congress, other public agencies, and the general public. Summary data from the Form EIA-861 are also contained in the *Electric Sales and Revenue*; the *Electric Power Annual*; the *Financial Statistics of Selected Publicly Owned Electric Utilities*; the *Financial Statistics of Selected Investor-Owned Electric Utilities*; the *AER*; and, the *Annual Outlook for U.S. Electric Power*. These reports present aggregate totals for electric utilities on a national level, by State, and by ownership type.

Instrument and Design History. The Form EIA-861 was implemented in January 1985 to collect data as of year-end 1984. The Federal Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Data Processing. The Form EIA-861 is mailed to the respondents in February of each year to collect data as of the end of the preceding calendar year. The data are manually edited before being entered into the interactive on-line system. Internal edit checks are performed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA-861 and similar data reported on the Forms EIA-826; EIA-412, "Annual Report of Public Electric Utilities;" and FERC Form 1, "Annual Report of Major Electric Utilities, Licensees, and Others." Respondents are tele-phoned to obtain clarification of reported data and to obtain missing data.

Form EIA-860A

The Form EIA-860A is a mandatory census of electric utilities in the United States that operate power plants or plan to operate a power plant within 5 years of the reporting year. The survey is used to collect data on electric utilities' existing power plants and their 5-year plans for constructing new plants, generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generating unit level. These data are then aggregated to provide totals by energy source (coal, petroleum, gas, water, nuclear, other) and geographic area (State, NERC region, Federal region, Census division). Additionally, at the national level, data are aggregated to provide totals by prime mover. Data from the Form EIA-860 are also summarized in the *Inventory of Power Plants in the United States* and the *EPA*, and as input to publications (AER) and studies by other offices in the Department of Energy.

Instrument and Design History. The Form EIA-860A was implemented in January 1999 to collect data as of January 1, 1999. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative

authority to collect these data. Form EIA-860A replaced Form EIA-860, "Annual Electric Generating Report." The difference in the data requirements of Form EIA-860A and those of the Form EIA-860 that preceded it is that respondents are required to report 5-year plans on Form EIA-860A instead of 10-year plans previously required to be reported on Form EIA-860.

Data Processing. The Form EIA-860A is mailed to approximately 900 respondents in November or December to collect data as of January 1 of the reporting year, where the reporting year is the calendar year in which the report was filed. Effective with the 1996 reporting year, respondents have the option of filing Form EIA-860A directly with the EIA or through an agent, such as the respondent's regional electric reliability council. Data reported through the regional electric reliability councils are submitted to the EIA electronically from the North American Electric Reliability Council (NERC). Data for each respondent are preprinted from the applicable data base. Respondents are instructed to verify all preprinted data and to supply missing data. The data are manually edited before being keypunched for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain correction or clarification of reported data and to obtain missing data, as a result of the manual and automatic editing process.

Form EIA-860B

The Form EIA-860B is a mandatory survey of all existing and planned nonutility electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. In 1992, the reporting threshold of the Form EIA-860B was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts. Previously, data were collected every 3 years from facilities with a nameplate capacity between 1 and 5 megawatts. Planned generators are defined as a proposal by a company to install electric generating equipment at an existing or planned facility. The proposal is based on the owner having obtained (1) all environmental and regulatory approvals, (2) a contract for the electric energy, or (3) financial closure on the facility. The Form consists of Schedules I, "Identification and Certification;" Schedule II, "Facility Information"; Schedule III, "Standard Industrial Classification Code Designation"; Schedule IVA, "Facility Fuel Information"; Schedule IVB, "Facility Thermal and Generation Information"; Schedule V, "Facility Environmental Information"; and Schedule VI, "Electric Generator Information."

Submission of the Form EIA-860B is required from all facilities that have a combined facility nameplate capacity of 1 megawatt or more. Schedule V, "Facility Environmental Information" is only required of those facilities of 25 megawatts or more.

The form is used to collect data on the installed capacity, energy consumption, generation, and electric energy sales to electric utilities and other nonutilities by facility. Additionally, the form is used to collect data on the quality of fuels burned and the types of environmental equipment used by the respondent. These data are aggregated to provide geographic totals for selected States and at the Census division and national levels. Since the Form EIA-860B data are considered confidential, suppression of some data is necessary to protect the confidentiality of the individual respondent data. See "Confidentiality of the Data" in this section for further information.

Instrument and Design History. The Form EIA-867, "Annual Nonutility Power Producer Report," was implemented in December 1989 to collect data as of year-end 1989. The Federal Energy Administration Act of 1984 (Public Law 93-275) defines the legislative authority to collect these data. Form EIA-860B, "Annual Electric Generating Report – Nonutility," replaced Form EIA-867 in 1998.

Data Processing. The Form EIA-860B is mailed to the respondents in January to collect data as of the end of the preceding calendar year. Static data for each respondent are preprinted from the previous year, and the respondents are instructed to verify all preprinted information and to supply the missing data. The completed forms are to be returned to the EIA by April 30. The response rate for all facilities for which addresses were confirmed was 100 percent. The data are manually edited before being keyed for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain corrections or clarifications of reported data and to obtain missing data as a result of the manual and automated editing.

Form EIA-906

In January 2001, Form EIA-906 superseded Forms EIA-759 and 900. The Form EIA-906 collects monthly plant-level data on generation, fuel consumption, stocks and useful thermal output from electric utilities and nonutilities. It is a model-based sample of approximately 240 electric utilities and 800 nonutilities.

The census data from Form EIA-860B are used as regressors in a regression model that estimates (imputes) values for those not collected on the sample. The relationship between the data that are collected on the sample and the corresponding regressor data is needed to impute these values and arrive at aggregate level estimates. The modeling is described in detail in the Internet statistics

journal, *InterStat*, August 1999, "Using Prediction Oriented Software for Survey Estimation," http://interstat.stat.vt.edu/InterStat/ARTICLES/1999/abstracts/99001.html-ssi. For a more general discussion of model-based sampling and estimation, please see the EIA website at http://www.eia.doe.gov/cneaf/electricity/forms/eiawebme.pdf. Note that there are times when a model may not apply, such as for a new plant, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information represents only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed. The data processing procedures for Form EIA-906 are the same as those described for Forms EIA-759 and EIA-900.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information represents only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed.

Formulas/Methodologies

The following formula is used to calculate percent differences.

$$\text{Percent Difference} = \left(\frac{x\ (t_2) - x\ (t_1)}{x\ (t_1)} \right) x\ 100,$$

where $x\ (t_1)$ and $x\ (t_2)$ denote the quantity at year t_1 and subsequent year t_2.

Form EIA-826

The Form EIA-826 data are collected at the utility level by sector and State. Data from the Form EIA-826 are used to determine estimates by sector at the State, Census division, and national level for the entire corresponding State, Census division, or national category. Form EIA-861 data were used as the frame from which the sample was selected, and also as regressor data.

The sample consists of approximately 340 electric utilities, as well as a census of energy service providers with retail sales in deregulated States. This includes a somewhat larger number of State-service areas for electric utilities. Estimation procedures include imputation to account for nonresponse. Nonsampling error must also be considered. The nonsampling error is not estimated directly, although attempts are made to minimize it.

State-level sales and revenue estimates are calculated. Also, a ratio estimation procedure is used for estimation of revenue per kilowatthour at the State level. These estimates are accumulated separately to produce the Census division and U.S. level estimates.

The relative standard error (RSE) statistic, usually given as a percent, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables (for example, revenue per kilowatthour), or a single variable (for example, sales).

The sampling error may be less than the nonsampling error. Nonsampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage. These nonsampling errors also occur in complete censuses. In a complete census, this problem may become unmanageable. One indicator of the magnitude of possible nonsampling error may be gleaned by examining the history of revisions to data for a survey (Table B2).

Relative standard errors (RSEs) are indicators of error due to sampling. (RSEs do not account for nonsampling errors, such as errors of misclassification or transposed digits. However, estimates of RSEs, although not designed to measure nonsampling error, are affected by them). In fact, large RSE estimates found in preliminary work with these data have often indicated nonsampling errors, which were then identified and corrected. Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately a 68-percent chance that the true sampling error is less than the corresponding RSE. Note that reported RSEs are always estimates, themselves, and are usually, as here, reported as percents. As an example, suppose that a revenue-per-kilowatthour value is estimated to be 5.13 cents per kilowatthour with an estimated RSE of 1.6 percent. This means that, ignoring any nonsampling error, there is approximately a 68-percent chance that the true average revenue per kilowatthour is within approximately 1.6 percent of 5.13 cents per kilowatthour (that is, between 5.05 and 5.21 cents per kilowatthour). There is approximately a 95-percent chance of a true sampling error being 2 RSEs or less.

The basic approach is shown in (Royall, 6) with additional discussion of variance estimation in (Royall and Cumberland, 7), (Royall and Cumberland, 8), and (Knaub, 5).

The detailed methodology for estimation for this survey is described in InterStat, June 2000, "Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals," http://interstat.stat.vt.edu/InterStat/ARTICLES/2000/abstracts/U00002.html-ssi.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information represents only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed.

As a final adjustment based on our most complete data, use is made of final Form EIA-861 data, when available. The annual totals for Form EIA-826 data by State and end-use sector are compared to the corresponding Form EIA-861 values for sales and revenue. The ratio of these two values in each case is then used to adjust each corresponding monthly vale.

Additional information or clarification can be addressed to the Energy Information Administration as indicated in the "Contacts" section of this publication.

Form EIA-900

The Form EIA-900 data are collected at the facility level, which is roughly the nonutility equivalent of plant level. The cutoff sample uses generation to determine the estimated total nonutility monthly generation based on the annual Form EIA-860B, "Annual Generator Report – Nonutility," data available. Fuel consumption estimates are based on relating the estimated monthly generation to the consumption data for the Form EIA-860B.

Form EIA-759

Data for the Form EIA-759 are collected at the plant level. Estimates are then provided for geographic levels. Consumption of fuel(s) is converted from quantities (in short tons, barrels, or thousand cubic feet) to Btu at the plant level. End-of-month fuel stocks for a single generating plant may not equal beginning-of-the-month stocks plus receipts less consumption, for many reasons, including the fact that several plants may share the same fuel stock.

A cutoff model sampling and estimation are employed, using the same multiple regression model. Once again, as described under the corresponding subsection on the Form EIA-900, details of the estimation of totals and variances of totals are published on the Internet in a paper entitled "Weighted Multiple Regression Estimation for Survey Model Sampling (Knaub, 13)."

At the fuel and State level (i.e., lowest aggregate level), there are a number of cases where the minimal sample size of three is not met, when using a 25 MW cutoff. Imputation of historic values for the smallest plants is used to supplement actual values for the largest ones. However, at the NERC level, this is not necessary. Data element totals for each NERC region, by fuel type, are estimated using model sampling. These samples are composed solely of data reported for the plants actually in the sample. The national level estimate from this is then considered our best estimate, and all other estimates are apportioned accordingly.

As a final adjustment based on our most complete data, use is made of final Form EIA-759 annual census, when available. The annual census for Form EIA-759 data by State and energy source are compared to the corresponding monthly Form EIA-759 values. The ratio of these two values in each case is then used to adjust each corresponding monthly value.

FERC Form 423

Data for the FERC Form 423 are collected at the plant level. These data are then used in the following formulas to produce aggregates and averages for each fuel type at the State, Census division, and U.S. level. For these formulas, receipts and average heat content are at the plant level. For each geographic region, the summation $\sum$ represents the sum of all plants in that geographic region. Additionally,

For coal, units for receipts (R) are in tons, units for average heat content (A) are in Btu per pound, and the unit conversion (U) is 2,000 pounds per ton;

For petroleum, units for receipts (R) are in barrels, units or average heat content (A) are in Btu per gallon, and the unit conversion (U) is 42 gallons per barrel;

For gas, units for receipts (R) are in thousand cubic feet (Mcf), average heat content (A) are in Btu per cubic foot, and the unit conversion (U) is 1,000 cubic feet per Mcf.

$$\text{Total Btu} = \sum_i (R_i \times A_i \times U),$$

where I denotes a plant; R_i = receipts for plant I;
A_i = average heat content for receipts at plant I; and,

U = unit conversion;

$$\text{Weighted Average Btu} = \frac{\sum_i (R_i \times A_i)}{\sum_i R_i},$$

where I denotes a plant; R_i = receipts for plant I; and, A_i = average heat content for receipts at plant I.

The weighted average cost in cents per million Btu is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{\sum_i (R_i \times A_i \times C_i)}{\sum_i (R_i \times A_i)},$$

where I denotes a plant; R_i = receipts for plant I; A_i average heat content for receipts at plant I; and C_i = cost in cents per million Btu for plant I.

The weighted average cost in dollars per unit is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{U \sum_i (R_i \times A_i \times C_i)}{10^8 \sum_i R_i},$$

where I denotes a plant; R_i = receipts for plant I; A_i = average heat content for receipts at plant I; U = unit conversion; and, C_i = cost in cents per million Btu for plant I.

Form EIA-861

Data for the Form EIA-861 are collected at the utility level from all electric utilities in the United States, its territories, and Puerto Rico. Form EIA-861 data in this publication are for the United States only. These data are then aggregated to provide geographic totals at the State, NERC region, Census division, and national level. Sources and disposition of data are also provided by utility class of ownership and retail consumer class of service. Average revenue (nominal dollars) per kilowatthour of electricity sold is calculated by dividing total annual retail revenue (nominal dollars) by the total annual retail sales of electricity.

Average revenue per kilowatthour is defined as the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average revenue per kilowatthour is calculated for all consumers and for each sector (residential, commercial, industrial, and other sales).

Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric utility for providing electrical service. The average revenue per kilowatthour reported in this publication by sector represents a weighted average of consumer revenue and sales within that sector and across sectors for all consumers.

The electric revenue used to derive the average revenue per kilowatthour is the operating revenue reported by the electric utility. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges.

Electric utility operating revenues cover, among other costs of service, State and Federal income taxes and taxes other than income taxes paid by the utility. The Federal component of these taxes are, for the most part, "payroll" taxes. State and local authorities tax the value of plant (property taxes), the amount of revenues (gross receipts taxes), purchases of materials and services (sales and use taxes), and a potentially long list of other items that vary extensively by taxing authority. Taxes deducted from employees' pay (such as Federal income taxes and employees' share of social security taxes) are not a part of the utility's "tax costs," but are paid to the taxing authorities in the name of the employees. These taxes are included in the utility's cost of service (for example, revenue requirements) and are included in the amounts recovered from consumers in rates and reported in operating revenues.

Electric utilities, like many other business enterprises, are required by various taxing authorities to collect and remit taxes assessed on their consumers. In this regard, the electric utility serves as an agent for the taxing authority. Taxes assessed on the consumer, such as a gross receipts tax or sales tax, are called "pass through" taxes. These taxes do not represent a cost to the utility and are not recorded in the operating revenues of the utility. However, taxing authorities differ as to whether a specific tax is assessed on the utility or the consumer—which, in turn, determines whether or not the tax is included in the operating revenue of the electric utility.

Form EIA-860A

Data from the Form EIA-860A are submitted at the generating unit level and are then aggregated to provide total capacity by energy source and geographic area. In addition, at the national level, data are aggregated by prime mover.

Estimated values for net summer and net winter capability for electric generating units were developed by use of a regression formula. The formula is used to estimate values for existing units where data are missing and for projected units. It was found that a zero-intercept linear regression works very well for estimating capability based on nameplate capacity. The only parameter then is the slope ($\hat{b}$) that is used to relate capacity to capability as follows: $\hat{y} = \hat{b}x$, where $\hat{y}$ is the estimated capability, and x is the known nameplate capacity. There will be a different value for $\hat{b}$ for different prime movers and for summer and winter capabilities and it will also depend upon the age of the generator. For more details see the *Inventory of Power Plants*.

Form EIA-860B

Gross electricity generation data from the Form EIA-860B, reported by generator, are aggregated to provide totals by energy source and geographic area. Nonutility power producers report gross electricity generated on the Form EIA-860B, unlike electric utilities that report net generation on various EIA and FERC forms. Nonutilities generally do not measure and record electrical consumption used solely for the production of electricity. Nonutility generators and associated auxiliary equipment are often an integral part of a manufacturing or other industrial process and individual watthour meters are not generally installed on auxiliary equipment.

Estimated values for net generation from nonutility power producers were developed by EIA using gross generation, prime mover, fuels, and type of air pollution control data reported on the Form EIA-860B. The difference between gross and net generation is the electricity consumed by auxiliary equipment and environmental control devices such as pumps, fans, coal pulverizers, particulate collectors, and flue gas desulfurization (FGD) units. The difference between gross and net generation is sometimes called parasitic load. In smaller power plants rotating auxiliaries are almost always electric motors. In large power plants that produce steam, rotating auxiliaries can be powered by either steam turbines or electric motors and sometimes both because of cold startup requirements.

This methodology for estimating net generation from gross generation is based on determining typical energy consumption for auxiliary electrical equipment associated with electrical generators. For instance, wind turbines have none of the auxiliaries common to a coal-burning power plant such as a coal pulverizers, fans, and emission controls. On the other hand, windfarms do consume electricity since automatic, computer-based control systems are used to control blade pitch and speed thereby affecting generator electricity output.

Shown below are the conversion factors used to estimated net generation by nonutility generators. The factors are typical of a modern electric power plant but could vary significantly between individual plants. Net generation is calculated by multiplying the appropriate conversion factor by the reported gross electrical generation.

These conversion factors were estimated by the staff of the Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration. The primary reference used in developing the conversion factors was *Steam, Its Generation and Use,* 40th Edition, Babcock & Wilcox, Barberton, Ohio.

Prime Mover Type	Gross-to-Net Generation Conversion Factor
Gas (Combustion) Turbine)	.98
Steam Turbine	.97[a]
Internal Combustion	.98
Wind Turbine	.99
Solar-Photovoltaic	.99
Hydraulic Turbine	.99
Fuel Cell	.99
Other	.97

[a]Factor reduced by .01 if the facility has flue gas particulate collectors and another .03 if the facility has flue gas desulfurization (FGD) equipment. Facilities under 25 megawatts and burning coal in traditional boilers (e.g., not fluidized bed boilers) are assumed to have particulate and FGD equipment.

Average Heat Content

Heat content values (Table C1) collected on the FERC Form 423 were used to convert the consumption data from the Form EIA-759 into Btu. Respondents to FERC Form 423 represent a subset of all generating plants (steam plants with a capacity of 50 megawatts or larger), while Form EIA-759 respondents generally represent generating plants with a combined capacity of 25 or more megawatts. The results, therefore, may not be completely representative.

Quality of Data

The CNEAF office is responsible for routine data improvement and quality assurance activities. All operations in this office are done in accordance with formal standards established by the EIA. These standards are the measuring rod necessary for quality statistics. Data improvement efforts include verification of data-keyed input by automatic computerized methods, editing by subject matter specialists, and follow-up on nonrespondents. The CNEAF office supports the quality assurance efforts of the data

collectors by providing advisory reviews of the structure of information requirements, and of proposed designs for new and revised data collection forms and systems. Once implemented, the actual performance of working data collection systems is also validated. Computerized respondent data files are checked to identify those who fail to respond to the survey. By law, nonrespondents may be fined or otherwise penalized for not filing a mandatory EIA data form. Before invoking the law, the EIA tries to obtain the required information by encouraging cooperation of nonrespondents.

Completed forms received by the CNEAF office are sorted, screened for completeness of reported information, and keyed onto computer tapes for storage and transfer to random access data bases for computer processing. The information coded on the computer tapes is manually spot-checked against the forms to certify accuracy of the tapes. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the data base have been designed and implemented to check data input for err ors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies.

Conceptual problems affecting the quality of data are discussed in the report, *An Assessment of the Quality of Selected EIA Data Series: Electric Power Data*. This report is published by the Energy Information Administration (Office of Statistical Standards). See item 2 in Appendix A.

Data Precision

Monthly sample survey data have both sampling and nonsampling errors. Sampling errors may be expected since all data are not collected and, therefore, must be mathematically estimated. (Note that the annual series for a monthly sample is not subject to sampling error because it is a census). Nonsampling errors are the result of incorrect allocation of data (for example, transcriptions or misclassifications) and can be difficult to control and estimate. A study of coefficients of variance and data revisions was conducted so that the appropriate levels of precision, based on the accuracy and completeness of the data from which the estimates are derived, is provided in this report for average revenue per kilowatthour of electricity sold. It was judged that three significant digits are justified for average revenue per kilowatthour of electricity sold at the U.S. level except for monthly data prior to 1990 where two significant digits are more appropriate.

Data Imputation

It may become necessary (as in March and April 1996 FERC Form 423 data) to impute for some data, even if a 100-percent census is normally collected without incident. In such cases, a modeling approach, similar to what is done for the Form EIA-826, can be implemented. The estimation methodologies for model sampling and model imputation are identical.

Data Editing System

Data from the form surveys are edited on a monthly basis using automated systems. The edit includes both deterministic checks, in which records are checked for the presence of required fields and their validity; and statistical checks, in which estimation techniques are used to validate data according to their behavior in the past and in comparison to other current fields. When all data have passed the edit process, the system builds monthly master files, which are used as input to the *EPM*.

Confidentiality of the Data

In general, the data collected on the forms used for input to this report are not confidential. However, data from the Form EIA-900, "Monthly Nonutility Power Report," and from the Form EIA-860B, "Annual Electric Generator Report – Nonutility," are considered confidential and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

Rounding Rules for Data

Given a number with r digits to the left of the decimal and d+t digits in the fraction part, with d being the place to which the number is to be rounded and t being the remaining digits which will be truncated, this number is rounded to r+d digits by adding 5 to the (r+d+1)th digit when the number is positive or by subtracting 5 when the number is negative. The t digits are then truncated at the (r+d+1)th digit. The symbol for a rounded number truncated to zero is (*).

Data Correction Procedure

The Office of Coal, Nuclear, Electric and Alternate Fuels has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

1. Annual survey data collected by this office are published either as preliminary or final when first appearing in a data report. Data initially released as

preliminary will be so noted in the report. These data will be revised, if necessary, and declared final in the next publication of the data.

2. All monthly and quarterly survey data collected by this office are published as preliminary. These data are revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this.

3. The magnitudes of changes due to revisions experienced in the past will be included in the data reports, so that the reader can assess the accuracy of the data.

4. After data are published as final, corrections will be made only in the event of a greater than one percent difference at the national level. Corrections for differences that are less than the before-mentioned threshold are left to the discretion of the Office Director. Note that in this discussion, changes or revisions are referred to as "errors."

In accordance with policy statement number 3, the mean value (unweighted average) for the absolute values of the 12 monthly revisions of each item are provided at the U.S. level for the past 4 years (Table C2). For example, the mean of the 12 monthly absolute errors (absolute differences between preliminary and final monthly data) for coal-fired generation in 1995 was 49. That is, on average, the absolute value of the change made each month to coal-fired generation was 49 million kilowatthours.

The U.S. total net summer capability, updated monthly in the EPM (Table 1), is based solely on new electric generating units and retirements which come to the attention of the EIA during the year through telephone calls with electric utilities and on the Form EIA-759, "Monthly Power Plant Report," and may not include all activity for the month. Data on net summer capability, including new electric generating units, are collected annually on the

Form EIA-860A, "Annual Electric Generator Report – Utility," and Form 860B "Annual Electric Generator Report – Nonutility."

Use of the Glossary

The terms in the glossary have been defined for general use. Restrictions on the definitions as used in these data collection systems are included in each definition when necessary to define the terms as they are used in this report.

Table C1. Average Heat Content of Fossil-Fuel Receipts, August 2002

Census Division and State	Coal (Btu per ton)[1]	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	**26,183,332**	**6,386,382**	**1,040,137**
Connecticut	-	-	-
Maine	-	-	-
Massachusetts	26,214,582	-	1,033,834
New Hampshire	26,172,582	6,386,382	1,051,000
Rode Island	-	-	-
Vermont	-	-	-
Middle Atlantic	**25,953,602**	**6,400,313**	**1,018,272**
New Jersey	26,063,778	6,340,673	-
New York	26,259,718	6,404,852	1,018,272
Pennsylvania	25,514,952	5,922,000	-
East North Central	**20,959,739**	**6,188,751**	**880,168**
Illinois	18,731,386	5,714,500	1,028,820
Indiana	20,777,194	5,816,595	1,003,000
Michigan	20,501,561	6,286,985	854,428[a]
Ohio	24,631,708	5,842,809	1,028,162
Wisconsin	18,229,935	5,880,000	1,003,712
West North Central	**16,671,727**	**6,446,473**	**1,008,267**
Iowa	17,287,226	5,844,580	1,002,674
Kansas	17,230,526	6,678,000	1,008,803
Minnesota	17,753,956	5,754,000	1,004,657
Missouri	17,767,274	5,754,000	1,009,146
Nebraska	17,282,190	5,801,880	1,006,261
North Dakota	13,139,043	5,804,888	-
South Dakota	17,083,152	-	-
South Atlantic	**24,371,314**	**6,441,672**	**1,032,543**
Delaware	-	6,381,984	1,032,000
District of Columbia	-	-	-
Florida	24,385,320	6,460,093	1,032,698
Georgia	23,126,622	5,817,000	1,035,224
Maryland	-	-	-
North Carolina	24,964,396	5,807,870	1,036,000
South Carolina	25,553,574	5,796,000	1,028,000
Virginia	25,651,307	6,380,729	1,029,927
West Virginia	24,226,246	5,817,044	1,000,000
East South Central	**22,567,575**	**5,863,976**	**1,032,658**
Alabama	21,370,292	5,819,166	1,040,545
Kentucky	23,072,604	5,874,824	1,025,000
Mississippi	23,315,670	5,882,562	1,027,928
Tennessee	23,139,960	5,875,800	-
West South Central	**16,890,073**	**5,892,909**	**1,029,694**
Arkansas	17,449,338	5,892,802	1,020,713
Louisiana	15,644,560	5,908,392	1,034,213
Oklahoma	17,427,094	-	1,032,419
Texas	16,664,699	-	1,024,347
Mountain	**19,482,603**	**5,868,760**	**1,018,168**
Arizona	20,128,276	5,868,366	1,021,055
Colorado	19,586,790	-	992,729
Idaho	-	-	-
Montana	16,997,094	5,922,000	1,146,000
Nevada	22,757,394	5,842,620	1,028,252
New Mexico	17,840,824	-	1,017,377
Utah	22,327,304	5,879,972	1,060,000
Wyoming	17,556,470	5,805,914	1,032,000
Pacific Contiguous	**17,287,480**	**5,880,000**	**1,009,913**
California	-	-	1,008,582
Oregon	17,287,480	5,880,000	1,020,000
Washington	-	-	-
Pacific Noncontiguous	**-**	**-**	**1,000,000**
Alaska	-	-	1,000,000
Hawaii	-	-	-
U.S. Average	**20,425,640**	**6,423,136**	**1,024,959**

[1] Data represents weighted values.

[a] = Includes blast furnace gas which has a heat content of 74,000 Btu per thousand cubic feet.

Note: • Data for 2002 are preliminary.

Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table C2. Comparison of Preliminary Versus Final Published Data at the U.S. Level, 1995 Through 1999

Item	Mean Absolute Value of Change				
	1995	1996	1997	1998	1999
Nonutility					
Generation (million kilowatthours)					
Coal	NA	NA	NA	NA	2,272
Petroleum	NA	NA	NA	NA	1,205
Gas	NA	NA	NA	NA	811
Hydroelectric	NA	NA	NA	NA	936
Nuclear	NA	NA	NA	NA	28
Other[1]	NA	NA	NA	NA	504
Total	NA	NA	NA	NA	4,559
Consumption					
Coal (thousand short tons)	NA	NA	NA	NA	1,767
Petroleum (thousand barrels)	NA	NA	NA	NA	2,694
Gas (million cubic feet)	NA	NA	NA	NA	17,168
Stocks[1]					
Coal (thousand short tons)	NA	NA	NA	NA	316
Petroleum (thousand barrels)	NA	NA	NA	NA	40
Utility					
Generation (million kilowatthours)					
Coal	49	162	201	201	288
Petroleum	6	64	53	39	103
Gas	38	84	168	102	147
Hydroelectric	6	298	325	322	354
Nuclear	0	4	65	0	0
Other	0	0	0	0	0
Total	11	462	285	504	695
Consumption					
Coal (thousand short tons)	27	105	169	114	147
Petroleum (thousand barrels)	1	94	43	76	228
Gas (million cubic feet)	300	899	1,243	1,084	1,668
Stocks[1]					
Coal (thousand short tons)	310	233	501	229	118
Petroleum (thousand barrels)	239	201	130	98	165
Retail Sales (million kilowatthours)					
Residential	79	345	350	626	454
Commercial	780	476	1,265	175	2,233
Industrial	141	1,129	257	771	654
Other[2]	167	267	363	33	553
Total	694	1,153	1,724	1,466	3,894
Revenue (million dollars)					
Residential	17	2	3	42	27
Commercial	51	29	60	17	214
Industrial	23	46	32	30	34
Other[2]	5	1	31	2	3
Total	22	46	62	79	277
Average Revenue per Kilowatthour (cents)[3]					
Residential	.01	.03	.03	.02	.01
Commercial	.01	.01	.05	.01	.06
Industrial	.03	.01	.02	.01	.01
Other[3]	.20	.22	.07	.02	.39
Total	.01	.01	.02	.01	.03
Receipts					
Coal (thousand short tons)	34	61	71	84	148
Petroleum (thousand barrels)	2	77	28	20	89
Gas (million cubic feet)	227	566	122	365	157
Cost (cents per million Btu)[3]					
Coal	.10	.06	.16	.23	.22
Petroleum	.01	.01	*	*	.01
Gas	.15	.87	.68	.35	.09

[1] Stocks are end of month values.
[2] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
[3] Data represents weighted values.
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less that 0.05 percent.
NA = Not Available.
Notes: • Change refers to the difference between estimates or preliminary monthly data published in the *Electric Power Monthly* (EPM) and the final monthly data published in the EPM. • Mean absolute value of change is the unweighted average of the absolute changes.
Sources: • Energy Information Administration: Form EIA-900, "Monthly Nonutility Power Plant Report"; For EIA-759, "Monthly Power Plant Report"; Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions"; and Form EIA-861, "Annual Electric Utility Report."

Table C3. Unit-of-Measure Equivalents for Electricity

Unit	Equivalent
Kilowatt (kW)	1,000 (One Thousand) Watts
Megawatt (MW)	1,000,000 (One Million) Watts
Gigawatt (GW)	1,000,000,000 (One Billion) Watts
Terawatt (TW)	1,000,000,000,000 (One Trillion) Watts
Gigawatt	1,000,000 (One Million) Kilowatts
Thousand Gigawatts	1,000,000,000 (One Billion) Kilowatts
Kilowatthours (kWh)	1,000 (One Thousand) Watthours
Megawatthours (MWh)	1,000,000 (One Million) Watthours
Gigawatthours (GWh)	1,000,000,000 (One Billion) Watthours
Terawatthours (TWh)	1,000,000,000,000 (One Trillion) Watthours
Gigawatthours	1,000,000 (One Million) Kilowatthours
Thousand Gigawatthours	1,000,000,000(One Billion Kilowatthours

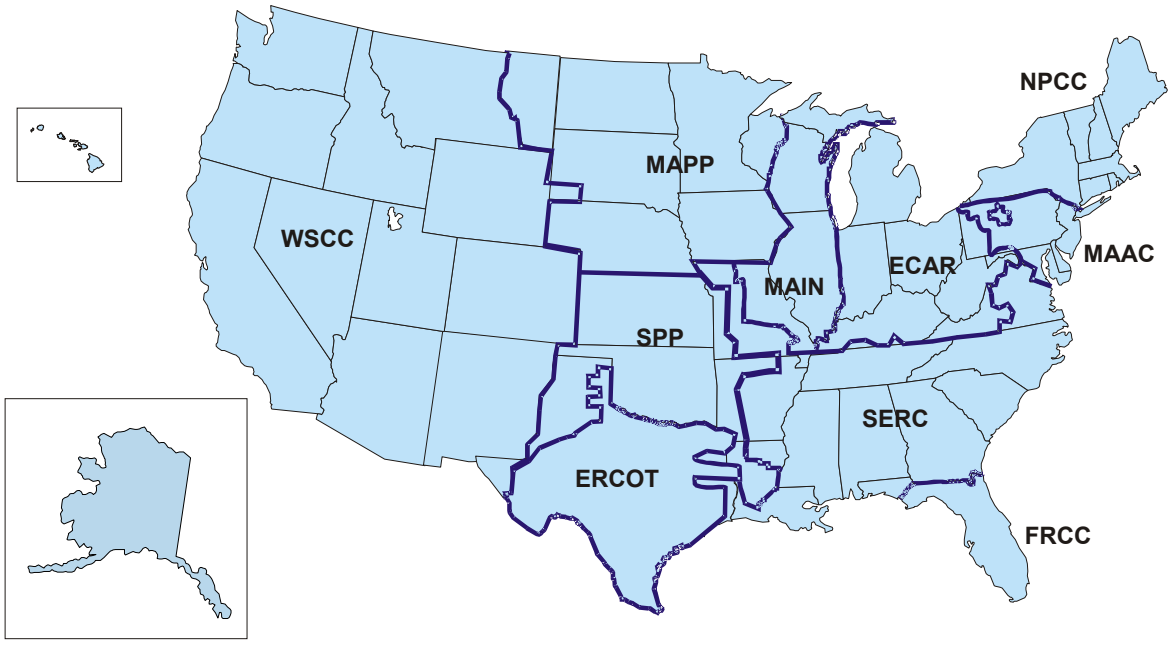
Source: Energy Information Administration.

Table C4. Comparison of Sample Versus Census Published Data at the U.S. Level, 1998 and 1999

Item	1998			1999		
	Sample	Census	Difference (percent)	Sample	Census	Difference (percent)
Utility						
Generation (million kilowatthours)						
Coal	1,808,070	1,807,480	*	1,773,499	1,767,679	-0.3
Petroleum	105,743	105,440	-0.3	85,737	82,981	-3.3
Gas	308,858	309,222	0.1	297,346	296,381	-0.3
Other[1]	990,948	990,029	-0.1	1,026,354	1,026,632	*
Total	**3,213,620**	**3,212,171**	*	**3,182,936**	**3,173,674**	**-0.3**
Consumption						
Coal (1,000 short tons)	912,060	910,867	-0.1	896,616	894,120	-0.3
Petroleum (1,000 barrels)	179,401	178,614	-0.4	148,868	143,830	-3.5
Gas (1,000 Mcf)	326,268	3,258,054	-0.1	3,125,417	3,113,419	-0.4
Stocks[2]						
Coal (1,000 short tons)	121,384	120,501	-0.7	128,929	129,041	0.1
Petroleum (1,000 barrels)	53,893	53,790	-0.2	45,191	44,312	-2.0
Retail Sales (million kilowatthours)						
Residential	1,131,520	1,127,735	-0.3	1,139,481	1,140,761	0.1
Commercial	950,476	968,528	1.9	975,196	970,601	-0.5
Industrial	1,055,459	1,040,038	-1.5	1,050,363	1,017,783	-3.2
Other[3]	100,260	103,518	3.1	100,316	106,754	6.0
All Sectors	**3,237,715**	**3,239,818**	**0.1**	**3,265,356**	**3,235,899**	**-0.9**
Revenue (million dollars)						
Residential	93,511	93,164	-0.4	93,148	93,142	*
Commercial	70,630	71,769	1.6	70,190	70,492	0.4
Industrial	47,391	46,550	-1.8	46,442	45,056	-3.1
Other[3]	6,814	6,863	0.7	6,763	6,783	0.3
All Sectors	**218,346**	**218,346**	*	**216,544**	**215,473**	**-0.5**
Average Revenue per Kilowatthour (cents)[4]						
Residential	8.26	8.26	*	8.17	8.16	-0.1
Commercial	7.43	7.41	-0.3	7.20	7.26	0.8
Industrial	4.49	4.48	-0.3	4.42	4.43	0.1
Other[3]	6.80	6.63	-2.5	6.74	6.35	-6.1
All Sectors	**6.74**	**6.74**	**-0.1**	**6.63**	**6.66**	**0.4**

[1] Includes geothermal, wood, waste, wind, and solar.
[2] Stocks are end-of-month values.
[3] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
[4] Data represent weighted values.
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute values is less than 0.05 percent.
NA = Not Available.
Notes: • The average revenue per kilowatthour is calculated by dividing revenue by sales. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.
Sources: Energy Information Administration, Form EIA-900, "Monthly Nonutility Power Report;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-759, "Monthly Power Plant Report;" Form EIA-861, "Annual Electric Utility Report;" Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Figure C1. North American Electric Reliability Council Regions for the Contiguous United States, Alaska and Hawaii



ECAR – East Central Area Reliability Coordination Agreement
ERCOT – Electric Reliability Council of Texas
FRCC – Florida Reliability Coordinating Council
MAAC – Mid-Atlantic Area Council
MAIN – Mid-Atlantic Interconnected Network
MAPP – Mid-Continent Area Power Pool
NPCC – Northeast Power Coordinating Council
SERC – Southeastern Electric Reliability Council
SPP – Southwest Power Pool
WSCC – Western Systems Coordinating Council

Source: North American Electric Reliability Council.

Table C5. Relative Standard Error for Electric Utility Net Generation by State, September 2002
(Percent)

State	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other[1]
Alabama	-	-	-	-	-	-
Alaska	-	7.63	0.73	NM	-	NM
Arizona	-	-	-	-	-	-
Arkansas	-	0.91	-	2.77	-	-
California	-	-	0.93	0.49	-	-
Colorado	-	8.75	1.7	1.7	-	-
Connecticut	-	NM	-	NM	-	NM
Delaware	-	6.8	-	-	-	-
Florida	-	0.01	0.03	-	-	-
Georgia	0.02	-	3.34	2.65	-	-
Hawaii	-	-	-	-	-	-
Idaho	-	-	-	1.24	-	-
Illinois	1.23	8.61	NM	NM	-	-
Indiana	0.14	1.42	1.23	-	-	-
Iowa	0.43	NM	NM	-	-	-
Kansas	-	4.33	NM	-	-	-
Kentucky	0.13	-	-	-	-	-
Louisiana	-	2.18	0.51	-	-	-
Maine	-	-	-	NM	-	-
Maryland	-	NM	NM	-	-	-
Massachusetts	NM	NM	6.31	NM	-	-
Michigan	0.27	1.07	1.95	NM	-	-
Minnesota	0.62	1.05	8.78	1.78	-	-
Mississippi	0.49	NM	0.65	-	-	-
Missouri	-	1.22	1.47	NM	-	-
Montana	-	NM	-	0.79	-	-
Nebraska	-	NM	NM	0.18	-	-
Nevada	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	0.27	-	4.93	NM	-	-
New York	-	0.16	0.21	0.53	-	-
North Carolina	-	-	-	0.27	-	-
North Dakota	-	-	-	-	-	-
Ohio	0.18	0.61	4.14	-	-	-
Oklahoma	-	NM	0.42	-	-	-
Oregon	-	-	-	-	-	-
Pennsylvania	-	2.27	NM	-78.69	-	-
Rhode Island	-	NM	-	-	-	-
South Carolina	-	0.44	-	-5.32	-	-
South Dakota	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-
Texas	-	NM	0.29	NM	-	-
Utah	-	NM	6.44	NM	-	-
Vermont	-	NM	-	NM	-	-
Virginia	-	1.34	0.86	-2.16	-	-
Washington	-	-	-	0.1	-	-
West Virginia	-	-	-	-	-	-
Wisconsin	0.12	2.1	2.16	7.3	-	-
Wyoming	-	-	-	6.06	-	-

[1] Includes geothermal, wood, waste, wind, and solar.

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information • Estimates for 2002 are preliminary.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table C6. Relative Standard Error for Electric Utility Fuel Consumption by State, September 2002

(Percent)

State	Consumption		
	Coal	Petroleum	Gas
Alabama	-	-	-
Alaska	-	8.13	1.15
Arizona	-	-	-
Arkansas	-	0.87	-
California	-	-	0.83
Colorado	-	7.46	1.84
Connecticut	-	NM	-
Delaware	-	7.81	-
Florida	-	0.02	0.02
Georgia	0.04	-	1.62
Hawaii	-	-	-
Idaho	-	-	-
Illinois	1.14	NM	NM
Indiana	0.15	2.43	0.92
Iowa	0.42	NM	4.47
Kansas	-	4.92	7.28
Kentucky	0.13	-	-
Louisiana	-	2.68	0.29
Maine	-	-	-
Maryland	-	NM	NM
Massachusetts	NM	NM	3.6
Michigan	0.28	1.54	0.87
Minnesota	0.96	NM	5.79
Mississippi	0.51	NM	0.38
Missouri	-	NM	1.1
Montana	-	NM	-
Nebraska	-	NM	5.47
Nevada	-	-	-
New Hampshire	-	-	-
New Jersey	-	-	-
New Mexico	0.25	-	5.81
New York	-	0.22	0.13
North Carolina	-	-	-
North Dakota	-	-	-
Ohio	0.22	0.73	1.83
Oklahoma	-	NM	0.21
Oregon	-	-	-
Pennsylvania	-	2.75	NM
Rhode Island	-	NM	-
South Carolina	-	0.41	-
South Dakota	-	-	-
Tennessee	-	-	-
Texas	-	NM	0.19
Utah	-	NM	7.45
Vermont	-	NM	-
Virginia	-	1.54	0.52
Washington	-	-	-
West Virginia	-	-	-
Wisconsin	0.1	4.35	0.99
Wyoming	-	-	-

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information • Estimates for 2002 are preliminary.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table C7. Relative Standard Error for Nonutility Net Generation by Census Division, September 2002

(Percent)

Census Division	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other[1]
New England	7.5	8.3	3.8	7.9	-	NM
Mid Atlantic	0.4	6.3	2.9	4.1	-	NM
East North Central	0.4	NM	5.1	NM	-	NM
West North Central	NM	NM	NM	NM	-	NM
South Atlantic	0.6	NM	4.1	4.5	-	5.2
East South Central	1.6	NM	NM	1.9	-	5.5
West South Central	0.3	8.5	1.2	1.7	-	2.8
Mountain	0.7	NM	2.8	3.4	-	NM
Pacific Contiguous	1.8	NM	2.6	NM	-	7.1
Pacific Noncontiguous	NM	8.8	NM	NM	-	5.4

[1] Includes geothermal, wood, waste, wind, and solar.

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information • Estimates for 2002 are preliminary.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Table C8. Relative Standard Error for Nonutility Fuel Consumption and Stocks by Census Division, September 2002

(Percent)

Census Division	Consumption			Stocks	
	Coal	Petroleum	Gas	Coal	Petroleum
New England	NM	4.2	2.1	-	-
Mid Atlantic	0.8	4.2	4.0	-	-
East North Central	0.7	NM	NM	-	-
West North Central	NM	NM	NM	-	-
South Atlantic	1.2	NM	3.0	-	-
East South Central	3.5	NM	NM	-	-
West South Central	0.2	NM	2.7	-	-
Mountain	1.4	NM	NM	-	-
Pacific Contiguous	1.9	NM	2.3	-	-
Pacific Noncontiguous	NM	6.9	NM	-	-

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information • Estimates for 2002 are preliminary.

Source: • Energy Information Administration, Form EIA-906, "Power Plant Report."

Glossary

Ampere: The unit of measurement of electrical current produced in a circuit by 1 volt acting through a resistance of 1 ohm.

Anthracite: A hard, black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. Comprises three groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free basis:

	Fixed Carbon Limits		Volatile Matter	
	GE	LT	GT	LE
Meta-Anthracite	98	-	-	2
Anthracite	92	98	2	8
Semiathracite	86	92	8	14

Average Revenue per Kilowatthour: The average revenue per kilowatthour of electricity sold by sector (residential, commercial, industrial, or other) and geographic area (State, Census division, and national), is calculated by dividing the total monthly revenue by the corresponding total monthly sales for each sector and geographic area.

Barrel: A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons.

Baseload: The minimum amount of electric power delivered or required over a given period of time at a steady rate.

Baseload Capacity: The generating equipment normally operated to serve loads on an around-the-clock basis.

Baseload Plant: A plant, usually housing high-efficiency steam-electric units, which is normally operated to take all or part of the minimum load of a system, and which consequently produces electricity at an essentially constant rate and runs continuously. These units are operated to maximize system mechanical and thermal efficiency and minimize system operating costs.

Bcf: The abbreviation for 1 billion cubic feet.

Bituminous Coal: The most common coal. It is dense and black (often with well-defined bands of bright and dull material). Its moisture content usually is less than 20 percent. It is used for generating electricity, making coke, and space heating. Comprises five groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free (mmf) basis for fixed-carbon and volatile matter and a moist mmf basis for calorific value.

	Fixed Carbon Limits		Volatile Matter Limits		Calorific Value Limits Btu/lb	
	GE	LT	GT	LT	GE	LE
LV	78	86	14	22	-	-
MV	69	78	22	31	-	-
HVA	-	69	31	-	14000	-
HVB	-	-	-	-	13000	14000
HVC	-	-	-	-	10500	13000

LV = Low-volatile bituminous coal
MV = Medium-volatile bituminous coal
HVA = High-volatile A bituminous coal
HVB = High-volatile B bituminous coal
HVC = High-volatile C bituminous coal

Boiler: A device for generating steam for power, processing, or heating purposes or for producing hot water for heating purposes or hot water supply. Heat from an external combustion source is transmitted to a fluid contained within the tubes in the boiler shell. This fluid is delivered to an end-use at a desired pressure, temperature, and quality.

Btu (British Thermal Unit): A standard unit for measuring the quantity of heat energy equal to the quantity of heat required to raise the temperature of 1 pound of water by 1 degree Fahrenheit.

Capability: The maximum load that a generating unit, generating station, or other electrical apparatus can carry under specified conditions for a given period of time without exceeding approved limits of temperature and stress.

Capacity: The full-load continuous rating of a generator, prime mover, or other electric equipment under specified conditions as designated by the manufacturer. It is usually indicated on a nameplate attached to the equipment.

Capacity (Purchased): The amount of energy and capacity available for purchase from outside the system.

Census Divisions: The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce, for the purpose of statistical analysis. The boundaries of Census divisions coincide with State boundaries. The Pacific Division is subdivided into the Pacific Contiguous and Pacific Noncontiguous areas.

Circuit: A conductor or a system of conductors through which electric current flows.

Coal: A black or brownish-black solid combustible substance formed by the partial decomposition of vegetable

matter without access to air. The rank of coal, which includes anthracite, bituminous coal, subbituminous coal, and lignite, is based on fixed carbon, volatile matter, and heating value. Coal rank indicates the progressive alteration from lignite to anthracite. Lignite contains approximately 9 to 17 million Btu per ton. The contents of subbituminous and bituminous coal range from 16 to 24 million Btu per ton and from 19 to 30 million Btu per ton, respectively. Anthracite contains approximately 22 to 28 million Btu per ton.

Coincidental Demand: The sum of two or more demands that occur in the same time interval.

Coincidental Peak Load: The sum of two or more peak loads that occur in the same time interval.

Coke (Petroleum): A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion factor is 5 barrels (42 U.S. gallons each) per short ton.

Combined Pumped-Storage Plant: A pumped-storage hydroelectric power plant that uses both pumped water and natural streamflow to produce electricity.

Commercial Operation: Commercial operation begins when control of the loading of the generator is turned over to the system dispatcher.

Compressor: A pump or other type of machine using a turbine to compress a gas by reducing the volume.

Consumption (Fuel): The amount of fuel used for gross generation, providing standby service, start-up and/or flame stabilization.

Contract Receipts: Purchases based on a negotiated agreement that generally covers a period of 1 or more years.

Cost: The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

Crude Oil (including Lease Condensate): A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and that remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and shale oil. Drip gases are also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable.

Current (Electric): A flow of electrons in an electrical conductor. The strength or rate of movement of the electricity is measured in amperes.

Demand (Electric): The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

Demand Interval: The time period during which flow of electricity is measured (usually in 15-, 30-, or 60-minute increments.)

Electric Plant (Physical): A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly owned, cooperatively owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

Energy Deliveries: Energy generated by one electric utility system and delivered to another system through one or more transmission lines.

Energy Receipts: Energy generated by one electric utility system and received by another system through one or more transmission lines.

Energy Source: The primary source that provides the power that is converted to electricity through chemical, mechanical, or other means. Energy sources include coal, petroleum and petroleum products, gas, water, uranium, wind, sunlight, geothermal, and other sources.

Fahrenheit: A temperature scale on which the boiling point of water is at 212 degrees above zero on the scale and the freezing point is at 32 degrees above zero at standard atmospheric pressure.

Failure or Hazard: Any electric power supply equipment or facility failure or other event that, in the judgment of the reporting entity, constitutes a hazard to maintaining the continuity of the bulk electric power supply system such that a load reduction action may become necessary and a reportable outage may occur. The imposition of a special operating procedure, the extended purchase of emergency power, other bulk power system actions that may be caused by a natural disaster, a major equipment failure that would impact the bulk power supply, and an environmental and/or regulatory action requiring equipment outages are types of abnormal conditions that should be reported.

Firm Gas: Gas sold on a continuous and generally long-term contract.

Fossil Fuel: Any naturally occurring organic fuel, such as petroleum, coal, and natural gas.

Fossil-Fuel Plant: A plant using coal, petroleum, or gas as its source of energy.

Fuel: Any substance that can be burned to produce heat; also, materials that can be fissioned in a chain reaction to produce heat.

Fuel Emergencies: An emergency that exists when supplies of fuels or hydroelectric storage for generation are at a level or estimated to be at a level that would threaten the reliability or adequacy of bulk electric power supply. The following factors should be taken into account to determine that a fuel emergency exists: (1) Fuel stock or hydroelectric project water storage levels are 50 percent or less of normal for that particular time of the year and a continued downward trend in fuel stock or hydroelectric project water storage level are estimated; or (2) Unscheduled dispatch or emergency generation is causing an abnormal use of a particular fuel type, such that the future supply or stocks of that fuel could reach a level which threatens the reliability or adequacy of bulk electric power supply.

Gas: A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

Generation (Electricity): The process of producing electric energy by transforming other forms of energy; also, the amount of electric energy produced, expressed in watthours (Wh).

Gross Generation: The total amount of electric energy produced by the generating units at a generating station or stations, measured at the generator terminals.

Net Generation: Gross generation less the electric energy consumed at the generating station for station use.

Generator: A machine that converts mechanical energy into electrical energy.

Generator Nameplate Capacity: The full-load continuous rating of a generator, prime mover, or other electric power production equipment under specific conditions as designated by the manufacturer. Installed generator nameplate rating is usually indicated on a nameplate physically attached to the generator.

Geothermal Plant: A plant in which the prime mover is a steam turbine. The turbine is driven either by steam produced from hot water or by natural steam that derives its energy from heat found in rocks or fluids at various depths beneath the surface of the earth. The energy is extracted by drilling and/or pumping.

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

Gross Generation: The total amount of electric energy produced by a generating facility, as measured at the generator terminals.

Heavy Oil: The fuel oils remaining after the lighter oils have been distilled off during the refining process. Except for start-up and flame stabilization, virtually all petroleum used in steam plants is heavy oil.

Horsepower: A unit for measuring the rate of work (or power) equivalent to 33,000 foot-pounds per minute or 746 watts.

Hydroelectric Plant: A plant in which the turbine generators are driven by falling water.

Instantaneous Peak Demand: The maximum demand at the instant of greatest load.

Integrated Demand: The summation of the continuously varying instantaneous demand averaged over a specified interval of time. The information is usually determined by examining a demand meter.

Internal Combustion Plant: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

Interruptible Gas: Gas sold to customers with a provision that permits curtailment or cessation of service at the discretion of the distributing company under certain circumstances, as specified in the service contract.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

Light Oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Lignite: A brownish-black coal of low rank with high inherent moisture and volatile matter (used almost exclusively for electric power generation). It is also referred to as brown coal. Comprises two groups classified according to the following ASTM Specification D388-84 for calorific values on a moist material-matter-free basis:

	Limits Btu/lb.	
	GE	LT
Lignite A	6,300	8,300
Lignite B	-	6,300

Maximum Demand: The greatest of all demands of the load that has occurred within a specified period of time.

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts.

Megawatthour (MWh): One million watthours.

MMcf: One million cubic feet.

Natural Gas: A naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in porous geological formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.

Net Energy for Load: Net generation of main generating units that are system-owned or system-operated plus energy receipts minus energy deliveries.

Net Generation: Gross generation minus plant use from all electric utility owned plants. The energy required for pumping at a pumped-storage plant is regarded as plant use and must be deducted from the gross generation.

Net Summer Capability: The steady hourly output, which generating equipment is expected to supply to system load exclusive of auxiliary power, as demonstrated by tests at the time of summer peak demand.

Noncoincidental Peak Load: The sum of two or more peak loads on individual systems that do not occur in the same time interval. Meaningful only when considering loads within a limited period of time, such as a day, week, month, a heating or cooling season, and usually for not more than 1 year.

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. The NERC Regions are:

ASCC – Alaskan System Coordination Council
ECAR – East Central Area Reliability Coordination Agreement
ERCOT – Electric Reliability Council of Texas
FRCC – Florida Reliability Coordinating Council
MAIN – Mid-America Interconnected Network
MAAC – Mid-Atlantic Area Council
MAPP – Mid-Continent Area Power Pool
NPCC – Northeast Power Coordinating Council
SERC – Southeastern Electric Reliability Council
SPP – Southwest Power Pool
WSCC – Western Systems Coordinating Council

Nuclear Fuel: Fissionable materials that have been enriched to such a composition that, when placed in a nuclear reactor, will support a self-sustaining fission chain reaction, producing heat in a controlled manner for process use.

Nuclear Power Plant: A facility in which heat produced in a reactor by the fissioning of nuclear fuel is used to drive a steam turbine.

Off-Peak Gas: Gas that is to be delivered and taken on demand when demand is not at its peak.

Ohm: The unit of measurement of electrical resistance. The resistance of a circuit in which a potential difference of 1 volt produces a current of 1 ampere.

Operable Nuclear Unit: A nuclear unit is "operable" after it completes low-power testing and is granted authorization to operate at full power. This occurs when it receives its full power amendment to its operating license from the Nuclear Regulatory Commission.

Other Gas: Includes manufactured gas, coke-oven gas, blast-furnace gas, and refinery gas. Manufactured gas is obtained by distillation of coal, by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke.

Other Generation: Electricity originating from these sources: biomass, fuel cells, geothermal heat, solar power, waste, wind, and wood.

Other Unavailable Capability: Net capability of main generating units that are unavailable for load for reasons other than full-forced outrage or scheduled maintenance. Legal restrictions or other causes make these units unavailable.

Peak Demand: The maximum load during a specified period of time.

Peak Load Plant: A plant usually housing old, low-efficiency steam units; gas turbines; diesels; or pumped-storage hydroelectric equipment normally used during the peak-load periods.

Peaking Capacity: Capacity of generating equipment normally reserved for operation during the hours of highest daily, weekly, or seasonal loads. Some generating equipment may be operated at certain times as peaking capacity and at other times to serve loads on an around-the-clock basis.

Percent Difference: The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

Petroleum: A mixture of hydrocarbons existing in the liquid state found in natural underground reservoirs, often associated with gas. Petroleum includes fuel oil No. 2, No. 4, No. 5, No. 6; topped crude; Kerosene; and jet fuel.

Petroleum Coke: See Coke (Petroleum).

Petroleum (Crude Oil): A naturally occurring, oily, flammable liquid composed principally of hydrocarbons. Crude oil is occasionally found in springs or pools but usually is drilled from wells beneath the earth's surface.

Plant: A facility at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy. A plant may contain more than one type of prime mover. Electric utility plants exclude facilities that satisfy the definition of a qualifying facility under the Public Utility Regulatory Policies Act of 1978.

Plant Use: The electric energy used in the operation of a plant. Included in this definition is the energy required for pumping at pumped-storage plants.

Plant-Use Electricity: The electric energy used in the operation of a plant. This energy total is subtracted from the gross energy production of the plant; for reporting purposes the plant energy production is then reported as a net figure. The energy required for pumping at pumped-storage plants is, by definition, subtracted, and the energy production for these plants is then reported as a net figure.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Price: The amount of money or consideration-in-kind for which a service is bought, sold, or offered for sale.

Prime Mover: The motive force that drives an electric generator (e.g., steam engine, turbine, or water wheel).

Production (Electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

Pumped-Storage Hydroelectric Plant: A plant that usually generates electric energy during peak-load periods by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

Pure Pumped-Storage Hydroelectric Plant: A plant that produces power only from water that has previously been pumped to an upper reservoir.

Qualifying Facility (QF): This is a cogenerator or small power producer that meets certain ownership, operating and efficiency criteria established by the Federal Energy Regulatory Commission (FERC) pursuant to the PURPA, and has filed with the FERC for QF status or has self-certified. For additional information, see the Code of Federal Regulation, Title 18, Part 292.

Railroad and Railway Electric Service: Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

Receipts: Purchases of fuel.

Reserve Margin (Operating): The amount of unused available capability of an electric power system at peak load for a utility system as a percentage of total capability.

Restoration Time: The time when the major portion of the interrupted load has been restored and the emergency is considered to be ended. However, some of the loads interrupted may not have been restored due to local problems.

Restricted-Universe Census: This is the complete enumeration of data from a specifically defined subset of entities including, for example, those that exceed a given level of sales or generator nameplate capacity.

Retail: Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

Running and Quick-Start Capability: The net capability of generating units that carry load or have quick-start capability. In general, quick-start capability refers to generating units that can be available for load within a 30-minute period.

Sales: The amount of kilowatthours sold in a given period of time; usually grouped by classes of service, such as residential, commercial, industrial, and other. Other sales include public street and highway lighting, other sales to public authorities and railways, and interdepartmental sales.

Sales for Resale: Energy supplied to other electric utilities, cooperatives, municipalities, and Federal and State electric agencies for resale to ultimate consumers.

Scheduled Outage: The shutdown of a generating unit, transmission line, or other facility, for inspection or maintenance, in accordance with an advance schedule.

Short Ton: A unit of weight equal to 2,000 pounds.

Spot Purchases: A single shipment of fuel or volumes of fuel, purchased for delivery within 1 year. Spot purchases are often made by a user to fulfill a certain portion of energy requirements, to meet unanticipated energy needs, or to take advantage of low-fuel prices.

Standby Facility: A facility that supports a utility system and is generally running under no-load. It is available to replace or supplement a facility normally in service.

Standby Service: Support service that is available, as needed, to supplement a consumer, a utility system, or to another utility if a schedule or an agreement authorizes the transaction. The service is not regularly used.

Steam-Electric Plant (Conventional): A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

Stocks: A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or at separate storage sites.

Subbituminous Coal: Subbituminous coal, or black lignite, is dull black and generally contains 20 to 30 percent moisture. The heat content of subbituminous coal ranges from 16 to 24 million Btu per ton as received and averages about 18 million Btu per ton. Subbituminous coal, mined in the western coal fields, is used for generating electricity and space heating.

Substation: Facility equipment that switches, changes, or regulates electric voltage.

Sulfur: One of the elements present in varying quantities in coal which contributes to environmental degradation when coal is burned. In terms of sulfur content by weight, coal is generally classified as low (less than or equal to 1 percent), medium (greater than 1 percent and less than or equal to 3 percent), and high (greater than 3 percent). Sulfur content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Switching Station: Facility equipment used to tie together two or more electric circuits through switches. The switches are selectively arranged to permit a circuit to be disconnected, or to change the electric connection between the circuits.

System (Electric): Physically connected generation, transmission, and distribution facilities operated as an integrated unit under one central management, or operating supervision.

Transformer: An electrical device for changing the voltage of alternating current.

Transmission: The movement or transfer of electric energy over an interconnected group of lines and associated equipment between points of supply and points at which it is transformed for delivery to consumers, or is delivered to other electric systems. Transmission is considered to end when the energy is transformed for distribution to the consumer.

Transmission System (Electric): An interconnected group of electric transmission lines and associated equipment for moving or transferring electric energy in bulk between points of supply and points at which it is transformed for delivery over the distribution system lines to consumers, or is delivered to other electric systems.

Turbine: A machine for generating rotary mechanical power from the energy of a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

Watt: The electrical unit of power. The rate of energy transfer equivalent to 1 ampere flowing under a pressure of 1 volt at unity power factor.

Watthour (Wh): An electrical energy unit of measure equal to 1 watt of power supplied to, or taken from, an electric circuit steadily for 1 hour.

Wheeling Service: The movement of electricity from one system to another over transmission facilities of intervening systems. Wheeling service contracts can be established between two or more systems.

Year to Date: The cumulative sum of each month's value starting with January and ending with the current month of the data.